

Rules for the Library of the Department of Industries, Bengal.

1. The Library is open from 11 a.m. to 5 p.m. except on holidays; on Saturdays the Library closes at 2 p.m.

2. All books in the Library (except books of general reference) are available on loan to officers and staff of the Department of Industries, Bengal, and subordinate offices and institutions under the Department.

3. The borrower can retain a book for not more than 15 days, provided it is not required for reference at Head Office in the meantime. When required for a longer time it may, on return, be re-issued if not wanted by another reader.

4. The borrower requiring a book from the Library must sign the Issue Register in token of receipt or grant a receipt in the prescribed form, according to circumstances.

5. The borrower is fully responsible for loss or damage to the book and is required to pay the full price of it or replace it at his own cost. If the book lost or damaged is one of a set or series and the volume cannot be obtained singly the whole set or series must be replaced by him.

6. As a rule books are not issued to outsiders, but the Director of Industries at his discretion may sanction the loan of books only to bona fide manufacturers on conditions to be stated in each case.

7. Bona fide manufacturers, research students and persons interested in indigenous industries may consult books and periodicals in the Library at the notified hours.

AN OIL TRADE CALCULATOR

AN OIL TRADE CALCULATOR

FOR EASY CONVERSION OF
WEIGHTS TO GALLONS AT
DIFFERENT SPECIFIC GRAVITIES

COMPILED BY
T. HOWARD BUTLER
Ph.D., M.Sc., F.I.C.

LONDON
SCOTT, GREENWOOD & SON
8 BROADWAY, LUDGATE, E.C. 4

1921

[All rights reserved.]

PREFACE

THESE tables were compiled with the object of facilitating a certain class of calculation, which has frequently to be undertaken in the offices, stores and warehouses of all firms who deal in liquids and sell them by the gallon.

The most accurate method of ascertaining the measurement of any quantity of liquid, is to arrive at the nett weight by the usual method, and to divide this amount in lbs. by the specific gravity of the liquid at 60° F. This necessitates the conversion of the weights into lbs., and a long division sum by the specific gravity, which is always expressed in not less than three figures.

Nearly all stores, warehouses, etc., are supplied with scales for arriving at accurate weights, and with the help of these tables the number of gallons in any particular weight of liquid with a known specific gravity can be ascertained in a very few moments.

Owing to the work entailed in the calculations, as mentioned above, it has been customary in the Oil Trade to sell certain articles at agreed specific gravities, but these tables are not compiled with the object of altering any of these commercial standards, but will certainly help when actual quantities are required.

These tables have been calculated by means of the well-known "Burroughs Calculator," and checked by this means three times, so that, although every care has been taken, no responsibility can be accepted should any errors be found due to calculating or printing.

It is confidently believed that this book meets a long-felt want, and will be found one of the most useful and compact reckoners yet submitted to the Oil Trade.

Explanation and Uses of Tables.

It will be noticed that the weights start at 1 lb., and go from there to 300 cwt., or 15 tons, and where larger quantities are necessary, multiples of any one of the weights may, of course, be taken. In the case of gallons, the second column represents the gallonage brought to the *nearest* fourth place of decimals, and this is done with the object of arriving at the *nearest* $\frac{1}{8}$ of a gallon. The fractions have not been reduced lower than this, as it is felt that $\frac{1}{8}$, or a multiple of $\frac{1}{8}$, is the nearest accuracy that is generally required. In one or two cases the fraction column shows a smaller amount, *e.g.* a multiple of $\frac{1}{16}$, but this is only in the very few cases where the decimal works out exactly to this fraction named.

It is a matter of option of the operator as to whether the gallonage side of the tables is used in the fraction column or the decimal column, but where extreme accuracy is required it is better to use the decimal column, and after any necessary additions have been made in this column, it can be converted to any desired fraction.

The tables are compiled to cover all the usual specific gravities met with in the Oil Trade, and from .700 to 1.000 the tables are shown for every two figures in the third place of decimals. After this to the end, *i.e.* 1.200 (where articles are rarely met with these high specific gravities), they are only shown for every fourth figure of the specific gravity in the third place of decimals.

Example 1.—Six barrels of Petroleum Burning Oil, having a specific gravity of .802, weigh as follows:—

gross . . .	24 cwt. 1 qr. 3 lbs.
tare . . .	4 cwt. 1 qr. 16 lbs.
nett . . .	19 cwt. 3 qrs. 15 lbs.

By referring to table .802, we find that:—

19 cwt. =	$265\frac{3}{8}$ or 265.3367
3 qrs. =	$10\frac{1}{8}$ „ 10.4738
15 lbs. =	$1\frac{7}{8}$ „ 1.8703

$$19 \text{ cwt. } 3 \text{ qrs. } 15 \text{ lbs.} = 277\frac{3}{4} \text{ or } 277.6808$$

It will be seen that in this case, as above mentioned, the decimal column is the more accurate, as the figure 277.6808 is nearer to $277\frac{1}{2}$ than to $277\frac{3}{4}$.

PREFACE

vii

Example 2.—One barrel of Lubricating Oil weighing :—

gross . . .	4 cwt. 1 qr. 5 lbs.
tare . . .	2 „ 27 „
nett . . .	3 „ 2 „ 6 „
Sp. Gr. . .	.933

It will be noticed in this case there is no table for this actual specific gravity, but the gallons are arrived at by turning to table .932, from which are obtained :—

3 cwt. = 36	or 36.0515
2 qrs. = 6 „	6.0086
6 lbs. = $\frac{5}{8}$ „	.6438

$$3 \text{ cwt. } 2 \text{ qrs. } 6 \text{ lbs.} = 42\frac{5}{8} \text{ or } 42.7039$$

then turning to table .934 the following :—

3 cwt. = 36	or 35.9743
2 qrs. = 6 „	5.9957
6 lbs. = $\frac{5}{8}$ „	.6424

$$3 \text{ cwt. } 2 \text{ qrs. } 6 \text{ lbs.} = 42\frac{5}{8} \text{ or } 42.6124$$

and the actual gallonage is then the mean of these two figures, which is in the case of the fraction column $42\frac{5}{8}$, and in the case of the decimal column 42.6581, which on being converted to the nearest $\frac{1}{8}$ fraction is again $42\frac{5}{8}$. This effectively demonstrates the fact that the difference of one figure in the third place of decimals of the specific gravity makes practically no difference in a small quantity of liquid.

If there is any difficulty experienced in obtaining the actual specific gravity of any liquid, the methods adopted for ascertaining this figure can be referred to in any of the usual dictionaries or text-books on Physics or Chemistry.

In order to demonstrate the necessity for taking the gallonage side of the tables to the nearest fourth place of decimals, a list of the fractions which are multiples of $\frac{1}{8}$ are given herewith :—

$\frac{1}{8}$	= .125
$\frac{2}{8}$	= .25
$\frac{3}{8}$	= .375
$\frac{4}{8}$	= .5
$\frac{5}{8}$	= .625
$\frac{6}{8}$	= .75
$\frac{7}{8}$	= .875

A list showing most of the usual oils met with in the trade, and their specific gravities, is here given, but it must be borne in mind that the specific gravity of any one of the articles may still be outside the range given, although the usual figure of the article is stated.

<i>Name.</i>	<i>Sp. Gr.</i>
Benzole (Motor) . . . . .	.870- .885
Castor Oil . . . . .	.960- .967
China Wood Oil (Tung Oil) . . . . .	.935- .942
Coconut Oil . . . . .	.905- .926
Cod-liver Oil . . . . .	.920- .935
Colza Oil (Rape Oil) . . . . .	.913- .917
Cottonseed Oil . . . . .	.920- .926
Creosote	1.040-1.065
Cylinder Oils (Lubricating) . . . . .	.890- .905
Gas Oil . . . . .	.850- .870
Linseed Oil Raw . . . . .	.930- .941
Linseed Oil Boiled . . . . .	.943- .960
Menhaden Oil . . . . .	.920- .925
Motor Benzole . . . . .	.870- .885
Naphtha, Solvent, light (Coal Tar) . . . . .	.865- .875
Naphtha, Solvent, heavy (Coal Tar) . . . . .	.890- .920
Neatsfoot Oil . . . . .	.913- .916
Oleine . . . . .	.889- .941
Pale Oils (Lubricating) . . . . .	.885- .905
Palm Oil . . . . .	.921- .924
Paraffin (Petroleum, Kerosene) . . . . .	.790- .810
Petrol, Aviation . . . . .	.700- .720
Petrol, No. 1 . . . . .	.720- .730
Petrol, No. 3 . . . . .	.735- .750
Rape Oil (Colza Oil) . . . . .	.913- .917
Red Oils (Lubricating) . . . . .	.910- .925
Soya Bean Oil . . . . .	.924- .927
Sperm Oil . . . . .	.878- .883
Solvent Naphtha, light (Coal Tar) . . . . .	.865- .875
Solvent Naphtha, heavy (Coal Tar) . . . . .	.890- .920
Tung Oil (China Wood Oil) . . . . .	.935- .942
Turpentine . . . . .	.865- .870
Turpentine substitute (White Spirit) . . . . .	.790- .810
Whale Oil . . . . .	.916- .927
White Spirit (Turpentine Substitute) . . . . .	.790- .810

OIL TRADE CALCULATOR

1

Sp. Gr. .700.			
16 Gallons to 1 Cwt.		320 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1.....	16.....
2.....	$\frac{1}{4}$	2.....	32.....
3.....	$\frac{3}{8}$	3.....	48.....
4.....	$\frac{5}{8}$	4.....	64.....
5.....	$\frac{3}{4}$	5.....	80.....
6.....	$\frac{7}{8}$	6.....	96.....
7.....	1.....	7.....	112.....
8.....	$1\frac{1}{8}$	8.....	128.....
9.....	$1\frac{1}{4}$	9.....	144.....
10.....	$1\frac{3}{8}$	10.....	160.....
11.....	$1\frac{5}{8}$	11.....	176.....
12.....	$1\frac{3}{4}$	12.....	192.....
13.....	$1\frac{7}{8}$	13.....	208.....
14.....	2.....	14.....	224.....
15.....	$2\frac{1}{8}$	15.....	240.....
16.....	$2\frac{1}{4}$	16.....	256.....
17.....	$2\frac{3}{8}$	17.....	272.....
18.....	$2\frac{5}{8}$	18.....	288.....
19.....	$2\frac{3}{4}$	19.....	304.....
20.....	$2\frac{7}{8}$	20.....	320.....
21.....	3.....	21.....	336.....
22.....	$3\frac{1}{8}$	22.....	352.....
23.....	$3\frac{1}{4}$	23.....	368.....
24.....	$3\frac{3}{8}$	24.....	384.....
25.....	$3\frac{5}{8}$	25.....	400.....
26.....	$3\frac{3}{4}$	26.....	416.....
27.....	$3\frac{7}{8}$	27.....	432.....
Qrs.			
1.....	4.....	100.....	1600.....
2.....	8.....	200.....	3200.....
3.....	12.....	300.....	4800.....

OIL TRADE CALCULATOR

Sp. Gr. 702.

15·9544 Gallons to 1 Cwt.

319·0883 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	16 15·9544
2.....	$\frac{1}{4}$	2....	31 $\frac{7}{8}$ 31·9088
3.....	$\frac{3}{8}$	3....	47 $\frac{7}{8}$ 47·8632
4.....	$\frac{5}{8}$	4....	63 $\frac{7}{8}$ 63·8177
5.....	$\frac{3}{4}$	5....	79 $\frac{3}{4}$ 79·7721
6.....	$\frac{7}{8}$	6....	95 $\frac{3}{4}$ 95·7265
7.....	1	7....	111 $\frac{5}{8}$ 111·6809
8.....	1 $\frac{1}{8}$	8....	127 $\frac{5}{8}$ 127·6353
9.....	1 $\frac{1}{4}$	9....	143 $\frac{5}{8}$ 143·5897
10.....	1 $\frac{5}{8}$	10....	159 $\frac{1}{2}$ 159·5442
11.....	1 $\frac{5}{8}$	11....	175 $\frac{1}{2}$ 175·4986
12.....	1 $\frac{3}{4}$	12....	191 $\frac{1}{2}$ 191·4530
13.....	1 $\frac{7}{8}$	13....	207 $\frac{3}{8}$ 207·4074
14.....	2	14....	223 $\frac{3}{8}$ 223·3618
15.....	2 $\frac{1}{8}$	15....	239 $\frac{3}{8}$ 239·3162
16.....	2 $\frac{1}{4}$	16....	255 $\frac{1}{2}$ 255·2707
17.....	2 $\frac{3}{8}$	17....	271 $\frac{1}{2}$ 271·2251
18.....	2 $\frac{5}{8}$	18....	287 $\frac{1}{2}$ 287·1795
19.....	2 $\frac{3}{4}$	19....	303 $\frac{1}{2}$ 303·1339
20.....	2 $\frac{7}{8}$	20....	319 $\frac{1}{8}$ 319·0883
21.....	3	30....	478 $\frac{5}{8}$ 478·6325
22.....	3 $\frac{1}{8}$	40....	638 $\frac{1}{8}$ 638·1766
23.....	3 $\frac{1}{4}$	50....	797 $\frac{3}{4}$ 797·7208
24.....	3 $\frac{3}{8}$	60....	957 $\frac{1}{4}$ 957·2650
25.....	3 $\frac{1}{2}$	70....	1116 $\frac{3}{4}$ 1116·8091
26.....	3 $\frac{3}{4}$	80....	1276 $\frac{3}{8}$ 1276·3533
27.....	3 $\frac{7}{8}$	90....	1435 $\frac{7}{8}$ 1435·8974
Qrs.			
1.....	4	100....	1595 $\frac{1}{2}$ 1595·4416
2.....	8	200....	3190 $\frac{7}{8}$ 3190·8832
3.....	12	300....	4786 $\frac{3}{8}$ 4786·3248

OIL TRADE CALCULATOR

3

Sp. Gr. 704.

15·9091 Gallons to 1 Cwt.

318·1818 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$15\frac{7}{8}$... 15·9091
2.....	$\frac{1}{4}$	2....	$31\frac{7}{8}$... 31·8182
3.....	$\frac{3}{8}$	3....	$47\frac{3}{4}$... 47·7273
4.....	$\frac{5}{8}$	4....	$63\frac{5}{8}$... 63·6364
5.....	$\frac{3}{4}$	5....	$79\frac{1}{2}$... 79·5454
6.....	$\frac{7}{8}$	6....	$95\frac{1}{2}$... 95·4545
7.....	1.....	7....	$111\frac{3}{8}$... 111·3636
8.....	$1\frac{1}{8}$	8....	$127\frac{1}{4}$... 127·2727
9.....	$1\frac{1}{4}$	9....	$143\frac{1}{8}$... 143·1818
10.....	$1\frac{3}{8}$	10....	$159\frac{1}{8}$... 159·0909
11.....	$1\frac{9}{16}$	11....	175 ... 175·00000
12.....	$1\frac{7}{8}$	12....	$190\frac{7}{8}$... 190·9091
13.....	$1\frac{7}{8}$	13....	$206\frac{7}{8}$... 206·8182
14.....	2.....	14....	$222\frac{3}{4}$... 222·7273
15.....	$2\frac{1}{8}$	15....	$238\frac{5}{8}$... 238·6364
16.....	$2\frac{1}{4}$	16....	$254\frac{1}{2}$... 254·5454
17.....	$2\frac{3}{8}$	17....	$270\frac{1}{2}$... 270·4545
18.....	$2\frac{1}{2}$	18....	$286\frac{3}{8}$... 286·3636
19.....	$2\frac{3}{4}$	19 ...	$302\frac{1}{4}$... 302·2727
20.....	$2\frac{7}{8}$	20....	$318\frac{1}{8}$... 318·1818
21.....	3.....	30....	$477\frac{1}{4}$... 477·2727
22.....	$3\frac{1}{8}$	40....	$636\frac{3}{8}$... 636·3636
23.....	$3\frac{1}{4}$	50....	$795\frac{1}{2}$... 795·4545
24.....	$3\frac{3}{8}$	60....	$954\frac{1}{2}$... 954·5454
25.....	$3\frac{1}{2}$	70....	$1113\frac{5}{8}$... 1113·6364
26.....	$3\frac{3}{4}$	80....	$1272\frac{3}{4}$... 1272·7273
27.....	$3\frac{7}{8}$	90....	$1431\frac{7}{8}$... 1431·8182
Qrs.			
1.....	4.....	100....	$1590\frac{7}{8}$... 1590·9091
2.....	8.....	200....	$3181\frac{7}{8}$... 3181·8182
3.....	$11\frac{7}{8}$	300....	$4772\frac{3}{4}$... 4772·7273

Sp. Gr. .706.			
15·8640 Gallons to 1 Cwt.		317·2804 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$15\frac{7}{8}$
2.....	$\frac{1}{4}$	2....	$31\frac{3}{4}$
3.....	$\frac{3}{8}$	3....	$47\frac{5}{8}$
4.....	$\frac{1}{2}$	4....	$63\frac{1}{2}$
5.....	$\frac{3}{4}$	5....	$79\frac{3}{8}$
6.....	$\frac{7}{8}$	6....	$95\frac{1}{8}$
7.....	1.....	7....	111.....
8.....	$1\frac{1}{8}$	8....	$126\frac{7}{8}$
9.....	$1\frac{1}{4}$	9....	$142\frac{3}{4}$
10.....	$1\frac{3}{8}$	10....	$158\frac{5}{8}$
11.....	$1\frac{1}{2}$	11....	$174\frac{1}{2}$
12.....	$1\frac{3}{4}$	12....	$190\frac{3}{8}$
13.....	$1\frac{7}{8}$	13....	$206\frac{1}{4}$
14.....	2.....	14....	$222\frac{1}{8}$
15.....	$2\frac{1}{8}$	15....	238.....
16.....	$2\frac{1}{4}$	16....	$253\frac{7}{8}$
17.....	$2\frac{3}{8}$	17....	$269\frac{3}{4}$
18.....	$2\frac{1}{2}$	18....	$285\frac{1}{2}$
19.....	$2\frac{3}{4}$	19....	$301\frac{3}{8}$
20.....	$2\frac{7}{8}$	20....	$317\frac{1}{4}$
21.....	3.....	30....	$475\frac{7}{8}$
22.....	$3\frac{1}{8}$	40....	$634\frac{1}{2}$
23.....	$3\frac{1}{4}$	50....	$793\frac{1}{4}$
24.....	$3\frac{3}{8}$	60....	$951\frac{7}{8}$
25.....	$3\frac{1}{2}$	70....	$1110\frac{1}{2}$
26.....	$3\frac{5}{8}$	80....	$1269\frac{1}{4}$
27.....	$3\frac{7}{8}$	90....	$1427\frac{3}{4}$
Qrs.		100....	$1586\frac{3}{8}$
1.....	4.....	200....	$3172\frac{3}{4}$
2.....	$7\frac{7}{8}$	300....	$4759\frac{1}{4}$
3.....	$11\frac{7}{8}$		

Sp. Gr. .708.

15·8192 Gallons to 1 Cwt.

316·3842 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	15 $\frac{7}{8}$
2.....	$\frac{1}{4}$	2....	31 $\frac{5}{8}$
3.....	$\frac{3}{8}$	3....	47 $\frac{1}{2}$
4.....	$\frac{5}{8}$	4....	63 $\frac{1}{4}$
5.....	$\frac{3}{2}$	5....	79 $\frac{1}{8}$
6.....	$\frac{7}{8}$	6....	94 $\frac{7}{8}$
7.....	1.....	7....	110 $\frac{3}{4}$
8.....	1 $\frac{1}{8}$	8....	126 $\frac{1}{2}$
9.....	1 $\frac{1}{4}$	9....	142 $\frac{3}{8}$
10.....	1 $\frac{3}{8}$	10....	158 $\frac{1}{4}$
11.....	1 $\frac{5}{8}$	11....	174.....
12.....	1 $\frac{3}{4}$	12....	189 $\frac{7}{8}$
13.....	1 $\frac{7}{8}$	13....	205 $\frac{5}{8}$
14.....	2.....	14....	221 $\frac{1}{2}$
15.....	2 $\frac{1}{8}$	15....	237 $\frac{1}{4}$
16.....	2 $\frac{1}{4}$	16....	253 $\frac{1}{8}$
17.....	2 $\frac{3}{8}$	17....	268 $\frac{7}{8}$
18.....	2 $\frac{5}{8}$	18....	284 $\frac{3}{4}$
19.....	2 $\frac{7}{8}$	19....	300 $\frac{5}{8}$
20.....	3.....	20....	316 $\frac{3}{8}$
21.....	3 $\frac{1}{8}$	30....	474 $\frac{5}{8}$
22.....	3 $\frac{1}{4}$	40....	632 $\frac{3}{4}$
23.....	3 $\frac{1}{2}$	50....	791.....
24.....	3 $\frac{3}{8}$	60....	949 $\frac{1}{8}$
25.....	3 $\frac{5}{8}$	70....	1107 $\frac{3}{8}$
26.....	3 $\frac{7}{8}$	80....	1265 $\frac{1}{2}$
27.....	4.....	90....	1423 $\frac{3}{4}$
Qrs.		100....	1581 $\frac{7}{8}$
1.....	4.....	200....	3163 $\frac{3}{4}$
2.....	7 $\frac{7}{8}$	300....	4745 $\frac{3}{4}$
3.....	11 $\frac{7}{8}$		

Qrs.

OIL TRADE CALCULATOR

Sp. Gr. .710.			
15.7746 Gallons to 1 Cwt.		315.4930 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$15\frac{3}{4}$
2.....	$\frac{1}{4}$	2....	$31\frac{1}{2}$
3.....	$\frac{3}{8}$	3....	$47\frac{3}{8}$
4.....	$\frac{5}{8}$	4....	$63\frac{1}{8}$
5.....	$\frac{3}{4}$	5....	$78\frac{7}{8}$
6.....	$\frac{7}{8}$	6....	$94\frac{5}{8}$
7.....	1.....	7....	$110\frac{3}{8}$
8.....	$1\frac{1}{8}$	8....	$126\frac{1}{2}$
9.....	$1\frac{1}{4}$	9....	142....
10.....	$1\frac{3}{8}$	10....	$157\frac{3}{4}$
11.....	$1\frac{1}{2}$	11....	$173\frac{1}{2}$
12.....	$1\frac{3}{4}$	12....	$189\frac{1}{4}$
13.....	$1\frac{7}{8}$	13....	$205\frac{1}{8}$
14.....	2.....	14....	$220\frac{7}{8}$
15.....	$2\frac{1}{8}$	15....	$236\frac{5}{8}$
16.....	$2\frac{1}{4}$	16....	$252\frac{3}{4}$
17.....	$2\frac{3}{8}$	17....	$268\frac{1}{8}$
18.....	$2\frac{1}{2}$	18....	284....
19.....	$2\frac{5}{8}$	19....	$299\frac{3}{4}$
20.....	$2\frac{7}{8}$	20....	$315\frac{1}{2}$
21.....	3.....	30....	$473\frac{1}{4}$
22.....	$3\frac{1}{8}$	40....	631....
23.....	$3\frac{1}{4}$	50....	$788\frac{3}{4}$
24.....	$3\frac{3}{8}$	60....	$946\frac{1}{2}$
25.....	$3\frac{1}{2}$	70....	$1104\frac{1}{4}$
26.....	$3\frac{5}{8}$	80....	1262....
27.....	$3\frac{3}{4}$	90....	$1419\frac{3}{4}$
Qrs.		100....	$1577\frac{1}{2}$
1.....	4.....	200....	$3154\frac{3}{4}$
2.....	$7\frac{1}{8}$	300....	$4732\frac{3}{8}$
3.....	$11\frac{1}{8}$		

OIL TRADE CALCULATOR

7

Sp. Gr. .712.			
15·7303 Gallons to 1 Cwt.		314·6067 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1404	
2.....	$\frac{1}{4}$	2809	
3.....	$\frac{3}{8}$	4213	
4.....	$\frac{1}{2}$	5618	
5.....	$\frac{3}{4}$	7022	
6.....	$\frac{7}{8}$	8427	
7.....	1.....	9831	
8.....	$1\frac{1}{8}$	11236	
9.....	$1\frac{1}{4}$	12640	
10.....	$1\frac{3}{8}$	14045	
11.....	$1\frac{1}{2}$	15449	
12.....	$1\frac{5}{8}$	16854	
13.....	$1\frac{7}{8}$	18258	
14.....	2.....	19663	
15.....	$2\frac{1}{8}$	21067	
16.....	$2\frac{1}{4}$	22472	
17.....	$2\frac{3}{8}$	23876	
18.....	$2\frac{1}{2}$	25281	
19.....	$2\frac{5}{8}$	26685	
20.....	$2\frac{3}{4}$	28090	
21.....	3.....	29494	
22.....	$3\frac{1}{8}$	30899	
23.....	$3\frac{1}{4}$	32303	
24.....	$3\frac{3}{8}$	33708	
25.....	$3\frac{1}{2}$	35112	
26.....	$3\frac{5}{8}$	36517	
27.....	$3\frac{3}{4}$	37921	
Qrs.			
1.....	$3\frac{7}{8}$	39326	
2.....	$7\frac{7}{8}$	78652	
3.....	$11\frac{3}{4}$	117977	
1....	$15\frac{3}{4}$	157303	
2....	$31\frac{1}{2}$	314607	
3....	$47\frac{1}{4}$	471910	
4....	$62\frac{3}{8}$	629213	
5....	$78\frac{5}{8}$	786517	
6....	$94\frac{3}{8}$	943820	
7....	$110\frac{1}{8}$	1101124	
8....	$125\frac{7}{8}$	1258427	
9....	$141\frac{5}{8}$	1415730	
10....	$157\frac{1}{4}$	1573034	
11....	173.....	1730337	
12....	$188\frac{3}{4}$	1887640	
13....	$204\frac{1}{2}$	2044944	
14....	$220\frac{1}{4}$	2202247	
15....	236.....	2359551	
16....	$251\frac{5}{8}$	2516854	
17....	$267\frac{3}{8}$	2674157	
18....	$283\frac{1}{8}$	2831461	
19....	$298\frac{7}{8}$	2988764	
20....	$314\frac{3}{8}$	3146067	
30....	$471\frac{7}{8}$	4719101	
40....	$629\frac{1}{4}$	6292135	
50....	$786\frac{1}{2}$	7865168	
60....	$943\frac{7}{8}$	9438202	
70....	$1101\frac{1}{8}$	11011236	
80....	$1258\frac{3}{8}$	12584270	
90....	$1415\frac{3}{4}$	14157303	
100....	1573.....	15730337	
200....	$3146\frac{1}{8}$	31460674	
300....	$4719\frac{1}{8}$	47191011	

Sp. Gr. 714.

15·6863 Gallons to 1 Cwt.

313·7255 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$15\frac{5}{8}$ 15·6863
2.....	$\frac{1}{4}$	2....	$31\frac{3}{8}$ 31·3725
3.....	$\frac{3}{8}$	3....	47 47·0588
4.....	$\frac{1}{2}$	4....	$62\frac{3}{4}$ 62·7451
5.....	$\frac{3}{4}$	5....	$78\frac{3}{8}$ 78·4314
6.....	$\frac{7}{8}$	6....	$94\frac{1}{8}$ 94·1176
7.....	1	7....	$109\frac{3}{4}$ 109·8039
8.....	$1\frac{1}{8}$	8....	$125\frac{1}{2}$ 125·4902
9.....	$1\frac{1}{4}$	9....	$141\frac{1}{8}$ 141·1765
10.....	$1\frac{3}{8}$	10....	$156\frac{7}{8}$ 156·8627
11.....	$1\frac{1}{2}$	11....	$172\frac{1}{2}$ 172·5490
12.....	$1\frac{5}{8}$	12....	$188\frac{1}{4}$ 188·2353
13.....	$1\frac{7}{8}$	13....	$203\frac{7}{8}$ 203·9216
14.....	2	14....	$219\frac{5}{8}$ 219·6078
15.....	$2\frac{1}{8}$	15....	$235\frac{1}{4}$ 235·2911
16.....	$2\frac{1}{4}$	16....	251 250·9801
17.....	$2\frac{3}{8}$	17....	$266\frac{5}{8}$ 266·6667
18.....	$2\frac{1}{2}$	18....	$282\frac{3}{8}$ 282·3529
19.....	$2\frac{5}{8}$	19....	298 298·0392
20.....	$2\frac{3}{4}$	20....	$313\frac{3}{4}$ 313·7255
21.....	3	30....	$470\frac{5}{8}$ 470·5882
22.....	$3\frac{1}{8}$	40....	$627\frac{1}{2}$ 627·4510
23.....	$3\frac{1}{4}$	50....	$784\frac{3}{8}$ 784·3137
24.....	$3\frac{3}{8}$	60....	$941\frac{1}{8}$ 941·1765
25.....	$3\frac{1}{2}$	70....	1098 1098·0392
26.....	$3\frac{5}{8}$	80....	$1254\frac{7}{8}$ 1254·9020
27.....	$3\frac{3}{4}$	90....	$1411\frac{3}{4}$ 1411·7647
Qrs.			
1.....	$3\frac{7}{8}$	100....	$1568\frac{5}{8}$ 1568·6274
2.....	$7\frac{7}{8}$	200....	$3137\frac{1}{4}$ 3137·2549
3.....	$11\frac{3}{4}$	300....	$4705\frac{7}{8}$ 4705·8824

OIL TRADE CALCULATOR

9

Sp. Gr. 716.

15·6425 Gallons to 1 Cwt.

312·8492 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	15 $\frac{5}{8}$ 15·6425
2.....	$\frac{1}{4}$	2....	31 $\frac{1}{4}$ 31·2849
3.....	$\frac{3}{8}$	3....	46 $\frac{7}{8}$ 46·9274
4.....	$\frac{1}{2}$	4....	62 $\frac{5}{8}$ 62·5698
5.....	$\frac{3}{4}$	5....	78 $\frac{1}{4}$ 78·2123
6.....	$\frac{7}{8}$	6....	93 $\frac{7}{8}$ 93·8547
7....	1.....	7....	109 $\frac{1}{2}$ 109·4972
8....	1 $\frac{1}{8}$	8....	125 $\frac{1}{8}$ 125·1397
9.....	1 $\frac{1}{4}$	9....	140 $\frac{3}{4}$ 140·7821
10.....	1 $\frac{3}{8}$	10....	156 $\frac{3}{8}$ 156·4246
11.....	1 $\frac{1}{2}$	11....	172 $\frac{1}{8}$ 172·0670
12.....	1 $\frac{5}{8}$	12....	187 $\frac{3}{4}$ 187·7095
13.....	1 $\frac{7}{8}$	13....	203 $\frac{3}{8}$ 203·3519
14.....	2.....	14....	219..... 218·9914
15.....	2 $\frac{1}{8}$	15....	234 $\frac{5}{8}$ 234·6369
16.....	2 $\frac{1}{4}$	16....	250 $\frac{1}{4}$ 250·2793
17.....	2 $\frac{3}{8}$	17....	265 $\frac{7}{8}$ 265·9218
18.....	2 $\frac{1}{2}$	18....	281 $\frac{5}{8}$ 281·5642
19.....	2 $\frac{5}{8}$	19....	297 $\frac{1}{4}$ 297·2067
20.....	2 $\frac{3}{4}$	20....	312 $\frac{7}{8}$ 312·8492
21.....	2 $\frac{7}{8}$	30....	469 $\frac{1}{4}$ 469·2737
22.....	3 $\frac{1}{8}$	40....	625 $\frac{3}{4}$ 625·6983
23.....	3 $\frac{1}{4}$	50....	782 $\frac{1}{8}$ 782·1229
24.....	3 $\frac{3}{8}$	60....	938 $\frac{1}{2}$ 938·5475
25.....	3 $\frac{1}{2}$	70....	1095.... 1094·9721
26.....	3 $\frac{5}{8}$	80....	1251 $\frac{3}{8}$ 1251·3966
27.....	3 $\frac{3}{4}$	90....	1407 $\frac{7}{8}$ 1407·8212
Qrs.			
1.....	3 $\frac{7}{8}$	100....	1564 $\frac{1}{4}$ 1564·2458
2.....	7 $\frac{3}{4}$	200....	3128 $\frac{1}{2}$ 3128·4916
3.....	11 $\frac{3}{4}$	300....	4692 $\frac{3}{4}$ 4692·7374

Sp. Gr. 718.

155989 Gallons to 1 Cwt.

3119777 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$15\frac{5}{8}$
2.....	$\frac{1}{4}$	2....	$31\frac{1}{4}$
3.....	$\frac{3}{8}$	3....	$46\frac{3}{4}$
4.....	$\frac{1}{2}$	4....	$62\frac{3}{8}$
5.....	$\frac{5}{8}$	5....	78
6.....	$\frac{7}{8}$	6....	$93\frac{5}{8}$
7.....	1	7....	$109\frac{1}{4}$
8.....	$1\frac{1}{8}$	8....	$124\frac{3}{4}$
9.....	$1\frac{1}{4}$	9....	$140\frac{3}{8}$
10.....	$1\frac{3}{8}$	10....	156
11.....	$1\frac{1}{2}$	11....	$171\frac{5}{8}$
12.....	$1\frac{5}{8}$	12....	$187\frac{1}{8}$
13.....	$1\frac{3}{4}$	13....	$202\frac{3}{4}$
14.....	2	14....	$218\frac{3}{8}$
15.....	$2\frac{1}{8}$	15....	231
16.....	$2\frac{1}{4}$	16....	$249\frac{5}{8}$
17.....	$2\frac{3}{8}$	17....	$265\frac{1}{8}$
18.....	$2\frac{1}{2}$	18....	$280\frac{3}{4}$
19.....	$2\frac{5}{8}$	19....	$296\frac{3}{8}$
20.....	$2\frac{3}{4}$	20....	312
21.....	$2\frac{7}{8}$	30....	468
22.....	$3\frac{1}{8}$	40....	624
23.....	$3\frac{1}{4}$	50....	780
24.....	$3\frac{3}{8}$	60....	$935\frac{7}{8}$
25.....	$3\frac{1}{2}$	70....	$1091\frac{7}{8}$
26.....	$3\frac{5}{8}$	80....	$1247\frac{7}{8}$
27.....	$3\frac{3}{4}$	90....	$1403\frac{7}{8}$
Qrs.		100....	$1559\frac{7}{8}$
1.....	$3\frac{7}{8}$	200....	$3119\frac{3}{4}$
2.....	$7\frac{3}{4}$	300....	$4679\frac{5}{8}$
3.....	$11\frac{3}{4}$		

Sp. Gr. .720.			
15.5555 Gallons to 1 Cwt.		311.1111 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	15 $\frac{1}{2}$ 15.5555
2.....	$\frac{1}{4}$	2....	31 $\frac{1}{2}$ 31.1111
3.....	$\frac{3}{8}$	3....	46 $\frac{5}{8}$ 46.6667
4.....	$\frac{1}{2}$	4....	62 $\frac{1}{2}$ 62.2222
5.....	$\frac{3}{4}$	5....	77 $\frac{3}{4}$ 77.7778
6.....	$\frac{7}{8}$	6....	93 $\frac{3}{8}$ 93.3333
7.....	1.....	7....	108 $\frac{7}{8}$ 108.8889
8.....	1 $\frac{1}{8}$	8....	124 $\frac{1}{2}$ 124.4444
9.....	1 $\frac{1}{4}$	9....	140..... 140.0000
10.....	1 $\frac{3}{8}$	10....	155 $\frac{1}{2}$ 155.5555
11.....	1 $\frac{1}{2}$	11....	171 $\frac{1}{2}$ 171.1111
12.....	1 $\frac{5}{8}$	12....	186 $\frac{5}{8}$ 186.6667
13.....	1 $\frac{3}{4}$	13....	202 $\frac{1}{4}$ 202.2222
14.....	2.....	14....	217 $\frac{3}{4}$ 217.7778
15.....	2 $\frac{1}{8}$	15....	233 $\frac{3}{8}$ 233.3333
16.....	2 $\frac{1}{4}$	16....	248 $\frac{7}{8}$ 248.8889
17.....	2 $\frac{3}{8}$	17....	264 $\frac{1}{2}$ 264.4444
18.....	2 $\frac{1}{2}$	18....	280..... 280.0000
19.....	2 $\frac{5}{8}$	19....	295 $\frac{1}{2}$ 295.5555
20.....	2 $\frac{3}{4}$	20....	311 $\frac{1}{2}$ 311.1111
21.....	2 $\frac{7}{8}$	21....	466 $\frac{5}{8}$ 466.6667
22.....	3.....	40....	622 $\frac{1}{4}$ 622.2222
23.....	3 $\frac{1}{8}$	50....	777 $\frac{3}{4}$ 777.7778
24.....	3 $\frac{3}{8}$	60....	933 $\frac{3}{8}$ 933.3333
25.....	3 $\frac{1}{2}$	70....	1088 $\frac{7}{8}$ 1088.8889
26.....	3 $\frac{5}{8}$	80....	1244 $\frac{1}{2}$ 1244.4444
27.....	3 $\frac{3}{4}$	90....	1400..... 1400.0000
Qrs.			
1.....	3 $\frac{7}{8}$	100....	1555 $\frac{1}{2}$ 1555.5555
2.....	7 $\frac{3}{4}$	200....	3111 $\frac{1}{2}$ 3111.1111
3.....	11 $\frac{5}{8}$	300....	4666 $\frac{5}{8}$ 4666.6667

Sp. Gr. .722.

15.5125 Gallons to 1 Cwt.

310.2193 Gallons to 1 Ton.

Lbs.	Gallons	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$15\frac{1}{2}$
2.....	$\frac{1}{4}$	2....	31.....
3.....	$\frac{3}{8}$	3....	$46\frac{1}{2}$
4.....	$\frac{1}{2}$	4....	62.....
5.....	$\frac{3}{4}$	5....	$77\frac{1}{2}$
6.....	$\frac{7}{8}$	6....	$93\frac{1}{8}$
7.....	1.....	7....	$108\frac{5}{8}$
8.....	$1\frac{1}{8}$	8....	$124\frac{1}{8}$
9.....	$1\frac{1}{4}$	9....	$139\frac{5}{8}$
10.....	$1\frac{3}{8}$	10....	$155\frac{1}{8}$
11.....	$1\frac{1}{2}$	11....	$170\frac{5}{8}$
12.....	$1\frac{5}{8}$	12....	$186\frac{1}{8}$
13.....	$1\frac{3}{4}$	13....	$210\frac{5}{8}$
14.....	2.....	14....	$217\frac{1}{8}$
15.....	$2\frac{1}{8}$	15....	$232\frac{5}{8}$
16.....	$2\frac{1}{4}$	16....	$248\frac{1}{4}$
17.....	$2\frac{3}{8}$	17....	$263\frac{3}{4}$
18.....	$2\frac{1}{2}$	18....	$279\frac{1}{4}$
19.....	$2\frac{5}{8}$	19....	$294\frac{3}{4}$
20.....	$2\frac{3}{4}$	20....	$310\frac{1}{4}$
21.....	$2\frac{7}{8}$	30....	$465\frac{3}{8}$
22.....	3.....	40....	$620\frac{1}{2}$
23.....	$3\frac{1}{8}$	50....	$775\frac{5}{8}$
24.....	$3\frac{3}{8}$	60....	$930\frac{3}{4}$
25.....	$3\frac{1}{2}$	70....	$1085\frac{7}{8}$
26.....	$3\frac{5}{8}$	80....	1241.....
27.....	$3\frac{3}{4}$	90....	$1396\frac{1}{8}$
Qrs.		100....	$1551\frac{1}{4}$
1.....	$3\frac{7}{8}$	200....	$3102\frac{1}{2}$
2.....	$7\frac{3}{4}$	300....	$4653\frac{3}{4}$
3.....	$11\frac{5}{8}$		

Sp. Gr. 724.

154696 Gallons to 1 Cwt.

3093923 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	15 $\frac{1}{2}$ 154696
2.....	$\frac{1}{4}$	2....	31.... 309392
3.....	$\frac{3}{8}$	3....	46 $\frac{3}{8}$ 464088
4.....	$\frac{1}{2}$	4....	61 $\frac{7}{8}$ 618784
5.....	$\frac{3}{4}$	5....	77 $\frac{3}{8}$ 773481
6.....	$\frac{7}{8}$	6....	92 $\frac{7}{8}$ 928177
7.....	1.....	7....	108 $\frac{1}{4}$ 1082873
8.....	1 $\frac{1}{8}$	8....	123 $\frac{3}{4}$ 1237569
9.....	1 $\frac{1}{4}$	9....	139 $\frac{1}{4}$ 1392265
10.....	1 $\frac{3}{8}$	10....	154 $\frac{1}{2}$ 1546961
11.....	1 $\frac{1}{2}$	11....	170 $\frac{1}{8}$ 1701657
12.....	1 $\frac{5}{8}$	12....	185 $\frac{5}{8}$ 1856351
13.....	1 $\frac{3}{4}$	13....	201 $\frac{1}{4}$ 2011050
14.....	1 $\frac{7}{8}$	14....	216 $\frac{5}{8}$ 2165746
15.....	2 $\frac{1}{8}$	15....	232.... 2320412
16.....	2 $\frac{1}{4}$	16....	247 $\frac{1}{2}$ 2475138
17.....	2 $\frac{3}{8}$	17....	263.... 2629831
18.....	2 $\frac{1}{2}$	18....	278 $\frac{1}{2}$ 2784530
19.....	2 $\frac{5}{8}$	19....	293 $\frac{7}{8}$ 2939226
20.....	2 $\frac{3}{4}$	20....	309 $\frac{3}{8}$ 3093923
21.....	2 $\frac{7}{8}$	30....	464 $\frac{1}{8}$ 4640884
22.....	3.....	40....	618 $\frac{3}{4}$ 6187845
23.....	3 $\frac{1}{8}$	50....	773 $\frac{1}{2}$ 7734807
24.....	3 $\frac{1}{4}$	60....	928 $\frac{1}{8}$ 9281768
25.....	3 $\frac{1}{2}$	70....	1082 $\frac{7}{8}$ 10828729
26.....	3 $\frac{5}{8}$	80....	1237 $\frac{5}{8}$ 12375691
27.....	3 $\frac{3}{4}$	90....	1392 $\frac{1}{4}$ 13922652
Qrs.		100....	1547.... 15469613
1.....	3 $\frac{7}{8}$	200....	3093 $\frac{7}{8}$ 30939226
2.....	7 $\frac{3}{4}$	300....	4640 $\frac{7}{8}$ 46408810
3.....	11 $\frac{5}{8}$		

Sp. Gr. .726.					
15.4270 Gallons to 1 Cwt.			308.5399 Gallons to 1 Ton.		
Lbs.	Gallons.		Cwts.	Gallons.	
1.....	$\frac{1}{8}$.....	.1377	1....	$15\frac{3}{8}$	15.4270
2.....	$\frac{1}{4}$.....	.2755	2....	$30\frac{7}{8}$	30.8540
3.....	$\frac{3}{8}$.....	.4132	3....	$46\frac{1}{4}$	46.2810
4.....	$\frac{1}{2}$.....	.5510	4....	$61\frac{3}{4}$	61.7080
5.....	$\frac{3}{4}$.....	.6887	5....	$77\frac{1}{8}$	77.1350
6.....	$\frac{7}{8}$.....	.8264	6....	$92\frac{1}{2}$	92.5620
7.....	1.....	.9642	7....	108....	107.9890
8.....	$1\frac{1}{8}$	1.1019	8....	$123\frac{3}{8}$	123.4160
9.....	$1\frac{1}{4}$	1.2397	9....	$138\frac{7}{8}$	138.8430
10.....	$1\frac{3}{8}$	1.3774	10....	$154\frac{1}{4}$	154.2700
11.....	$1\frac{1}{2}$	1.5151	11....	$169\frac{3}{4}$	169.6970
12.....	$1\frac{5}{8}$	1.6529	12....	$185\frac{1}{8}$	185.1240
13.....	$1\frac{3}{4}$	1.7906	13....	$200\frac{1}{2}$	200.5510
14.....	$1\frac{7}{8}$	1.9284	14....	216....	215.9780
15.....	$2\frac{1}{8}$	2.0661	15....	$231\frac{3}{8}$	231.4050
16.....	$2\frac{1}{4}$	2.2039	16....	$246\frac{7}{8}$	246.8320
17.....	$2\frac{3}{8}$	2.3416	17....	$262\frac{1}{4}$	262.2589
18.....	$2\frac{1}{2}$	2.4793	18....	$277\frac{5}{8}$	277.6859
19.....	$2\frac{5}{8}$	2.6171	19....	$293\frac{1}{8}$	293.1129
20.....	$2\frac{3}{4}$	2.7548	20....	$308\frac{1}{2}$	308.5399
21.....	$2\frac{7}{8}$	2.8926	30....	$462\frac{3}{4}$	462.8099
22.....	3.....	3.0303	40....	$617\frac{1}{8}$	617.0799
23.....	$3\frac{1}{8}$	3.1680	50....	$771\frac{3}{8}$	771.3199
24.....	$3\frac{1}{4}$	3.3058	60....	$925\frac{5}{8}$	925.6198
25.....	$3\frac{1}{2}$	3.4435	70....	$1079\frac{7}{8}$	1079.8898
26.....	$3\frac{5}{8}$	3.5813	80....	$1234\frac{1}{8}$	1234.1593
27.....	$3\frac{3}{4}$	3.7190	90....	$1388\frac{3}{8}$	1388.4297
Qrs.					
1.....	$3\frac{7}{8}$	3.8567	100....	$1542\frac{3}{4}$	1542.6997
2.....	$7\frac{3}{4}$	7.7135	200....	$3085\frac{3}{8}$	3085.3994
3.....	$11\frac{5}{8}$	11.5702	300....	$4628\frac{1}{8}$	4628.0992

Sp. Gr. 728.

15·3846 Gallons to 1 Cwt.

307·6923 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$15\frac{3}{8}$ 15·3846
2.....	$\frac{1}{4}$	2....	$30\frac{3}{4}$ 30·7692
3.....	$\frac{3}{8}$	3....	$46\frac{1}{8}$ 46·1538
4.....	$\frac{1}{2}$	4....	$61\frac{1}{2}$ 61·5385
5.....	$\frac{5}{8}$	5....	$76\frac{7}{8}$ 76·9231
6.....	$\frac{7}{8}$	6....	$92\frac{1}{4}$ 92·3077
7.....	1.....	7....	$107\frac{3}{4}$ 107·6923
8.....	$1\frac{1}{8}$	8....	$123\frac{1}{8}$ 123·0769
9.....	$1\frac{1}{4}$	9....	$138\frac{1}{2}$ 138·4615
10.....	$1\frac{3}{8}$	10....	$153\frac{7}{8}$ 153·8461
11.....	$1\frac{1}{2}$	11....	$169\frac{1}{4}$ 169·2308
12.....	$1\frac{5}{8}$	12....	$184\frac{5}{8}$ 184·6154
13.....	$1\frac{3}{4}$	13....	200 200·0000
14.....	$1\frac{7}{8}$	14....	$215\frac{3}{8}$ 215·3846
15.....	2.....	15....	$230\frac{3}{4}$ 230·7692
16.....	$2\frac{1}{4}$	16....	$246\frac{1}{8}$ 246·1538
17.....	$2\frac{3}{8}$	17....	$261\frac{1}{2}$ 261·5385
18.....	$2\frac{1}{2}$	18....	$276\frac{7}{8}$ 276·9231
19.....	$2\frac{5}{8}$	19....	$292\frac{1}{4}$ 292·3077
20.....	$2\frac{3}{4}$	20....	$307\frac{3}{4}$ 307·6923
21.....	$2\frac{7}{8}$	30....	$461\frac{1}{2}$ 461·5385
22.....	3.....	40....	$615\frac{3}{8}$ 615·3846
23.....	$3\frac{1}{8}$	50....	$769\frac{1}{4}$ 769·2308
24.....	$3\frac{1}{4}$	60....	$923\frac{1}{8}$ 923·0769
25.....	$3\frac{3}{8}$	70....	$1076\frac{7}{8}$ 1076·9231
26.....	$3\frac{5}{8}$	80....	$1230\frac{3}{4}$ 1230·7692
27.....	$3\frac{3}{4}$	90....	$1384\frac{5}{8}$ 1384·6154
Qrs.			
1.....	$3\frac{7}{8}$	100....	$1538\frac{1}{2}$ 1538·4615
2.....	$7\frac{3}{4}$	200....	$3076\frac{7}{8}$ 3076·9231
3.....	$11\frac{1}{2}$	300....	$4615\frac{3}{8}$ 4615·3846

Sp. Gr. 730.

15·3425 Gallons to 1 Cwt.

306·8493 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$15\frac{3}{8}$ 15·3425
2.....	$\frac{1}{4}$	2....	$30\frac{5}{8}$ 30·6849
3.....	$\frac{3}{8}$	3....	46 46·0274
4.....	$\frac{1}{2}$	4....	$61\frac{3}{8}$ 61·3699
5.....	$\frac{5}{8}$	5....	$76\frac{3}{4}$ 76·7123
6.....	$\frac{7}{8}$	6....	92 92·0548
7.....	1.....	7....	$107\frac{3}{8}$ 107·3973
8.....	$1\frac{1}{8}$	8....	$122\frac{3}{4}$ 122·7397
9.....	$1\frac{1}{4}$	9....	$138\frac{1}{8}$ 138·0822
10.....	$1\frac{3}{8}$	10....	$153\frac{3}{8}$ 153·4247
11.....	$1\frac{1}{2}$	11....	$168\frac{3}{4}$ 168·7671
12.....	$1\frac{5}{8}$	12....	$181\frac{1}{8}$ 181·1096
13.....	$1\frac{3}{4}$	13....	$199\frac{1}{2}$ 199·4520
14.....	$1\frac{7}{8}$	14....	$214\frac{3}{4}$ 214·7945
15.....	2.....	15....	$230\frac{1}{8}$ 230·1370
16.....	$2\frac{1}{4}$	16....	$245\frac{1}{2}$ 245·4794
17.....	$2\frac{1}{2}$	17....	$260\frac{7}{8}$ 260·8219
18.....	$2\frac{3}{4}$	18....	$276\frac{1}{8}$ 276·1644
19.....	$2\frac{5}{8}$	19....	$291\frac{1}{2}$ 291·5068
20.....	$2\frac{3}{4}$	20....	$306\frac{7}{8}$ 306·8493
21.....	$2\frac{7}{8}$	30....	$460\frac{1}{4}$ 460·2710
22.....	3.....	40....	$613\frac{7}{8}$ 613·6986
23.....	$3\frac{1}{8}$	50....	$767\frac{1}{8}$ 767·1233
24.....	$3\frac{1}{4}$	60....	$920\frac{1}{2}$ 920·5479
25.....	$3\frac{3}{8}$	70....	1074 1073·9726
26.....	$3\frac{1}{2}$	80....	$1227\frac{3}{8}$ 1227·3973
27.....	$3\frac{3}{4}$	90....	$1380\frac{7}{8}$ 1380·8219
Qrs.		100....	$1534\frac{1}{4}$ 1534·2466
1.....	$3\frac{7}{8}$	200....	$3068\frac{1}{2}$ 3068·4931
2.....	$7\frac{5}{8}$	300....	$4602\frac{3}{4}$ 4602·7397
3.....	$11\frac{1}{2}$		

Sp. Gr. .732.			
15.3005 Gallons to 1 Cwt.		306.0109 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	15 $\frac{1}{4}$
2.....	$\frac{1}{4}$	2....	30 $\frac{3}{8}$
3.....	$\frac{3}{8}$	3....	45 $\frac{7}{8}$
4.....	$\frac{1}{2}$	4....	61 $\frac{1}{2}$
5.....	$\frac{5}{8}$	5....	76 $\frac{1}{2}$
6.....	$\frac{7}{8}$	6....	91 $\frac{3}{4}$
7.....	1.....	7....	107 $\frac{1}{8}$
8.....	1 $\frac{1}{8}$	8....	122 $\frac{3}{8}$
9.....	1 $\frac{1}{4}$	9....	137 $\frac{3}{4}$
10.....	1 $\frac{3}{8}$	10....	153.....
11.....	1 $\frac{1}{2}$	11....	168 $\frac{1}{4}$
12.....	1 $\frac{5}{8}$	12....	183 $\frac{5}{8}$
13.....	1 $\frac{3}{4}$	13....	198 $\frac{7}{8}$
14.....	1 $\frac{7}{8}$	14....	214 $\frac{1}{4}$
15.....	2.....	15....	229 $\frac{1}{2}$
16.....	2 $\frac{1}{8}$	16....	244 $\frac{3}{4}$
17.....	2 $\frac{3}{8}$	17....	260 $\frac{1}{8}$
18.....	2 $\frac{1}{2}$	18....	275 $\frac{3}{8}$
19.....	2 $\frac{5}{8}$	19....	290 $\frac{1}{4}$
20.....	2 $\frac{3}{4}$	20....	306.....
21.....	2 $\frac{7}{8}$	20....	459.....
22.....	3.....	40....	612.....
23.....	3 $\frac{1}{8}$	50....	765.....
24.....	3 $\frac{1}{4}$	60....	918.....
25.....	3 $\frac{3}{8}$	70....	1071.....
26.....	3 $\frac{1}{2}$	80....	1224.....
27.....	3 $\frac{3}{4}$	90....	1377.....
Qrs.			
1.....	3 $\frac{7}{8}$	100....	1530.....
2.....	7 $\frac{5}{8}$	200....	3060 $\frac{1}{8}$
3.....	11 $\frac{1}{2}$	300....	4590 $\frac{1}{8}$

Sp. Gr. .734.					
15.2589 Gallons to 1 Cwt.			305.1771 Gallons to 1 Ton.		
Lbs.	Gallons.		Cwts.	Gallons.	
1.....	$\frac{1}{8}$	1362	1....	$15\frac{1}{4}$	15.2589
2.....	$\frac{1}{4}$	2725	2....	$30\frac{1}{2}$	30.5177
3.....	$\frac{3}{8}$	4087	3....	$45\frac{3}{4}$	45.7766
4.....	$\frac{1}{2}$	5450	4....	61.....	61.0354
5.....	$\frac{5}{8}$	6812	5....	$76\frac{1}{4}$	76.2943
6.....	$\frac{7}{8}$	8174	6....	$91\frac{1}{2}$	91.5531
7.....	1.....	9537	7....	$106\frac{3}{4}$	106.8120
8.....	$1\frac{1}{8}$	10899	8....	$122\frac{1}{4}$	122.0708
9.....	$1\frac{1}{4}$	12262	9....	$137\frac{3}{8}$	137.3297
10.....	$1\frac{3}{8}$	13624	10....	$152\frac{5}{8}$	152.5886
11.....	$1\frac{1}{2}$	14986	11....	$167\frac{7}{8}$	167.8474
12.....	$1\frac{5}{8}$	16349	12....	$183\frac{1}{4}$	183.1063
13.....	$1\frac{3}{4}$	17711	13....	$198\frac{3}{8}$	198.3651
14.....	$1\frac{7}{8}$	19074	14....	$213\frac{5}{8}$	213.6240
15.....	2.....	20436	15....	$228\frac{7}{8}$	228.8828
16.....	$2\frac{1}{8}$	21798	16....	$244\frac{1}{4}$	244.1417
17.....	$2\frac{1}{4}$	23161	17....	$259\frac{3}{8}$	259.4005
18.....	$2\frac{1}{2}$	24523	18....	$274\frac{5}{8}$	274.6594
19.....	$2\frac{5}{8}$	25886	19....	$289\frac{7}{8}$	289.9183
20.....	$2\frac{3}{4}$	27248	20....	$305\frac{1}{4}$	305.1771
21.....	$2\frac{7}{8}$	28610	30....	$457\frac{3}{4}$	457.7657
22.....	3.....	29973	40....	$610\frac{3}{8}$	610.3542
23.....	$3\frac{1}{8}$	31335	50....	763.....	762.9428
24.....	$3\frac{1}{4}$	32697	60....	$915\frac{1}{2}$	915.5313
25.....	$3\frac{3}{8}$	34060	70....	$1068\frac{1}{4}$	1068.1199
26.....	$3\frac{1}{2}$	35422	80....	$1220\frac{3}{4}$	1220.7084
27.....	$3\frac{5}{8}$	36785	90....	$1373\frac{1}{4}$	1373.2970
Qrs.					
1.....	$3\frac{7}{8}$	38147	100....	$1525\frac{7}{8}$	1525.8856
2.....	$7\frac{5}{8}$	76294	200....	$3051\frac{3}{4}$	3051.7711
3.....	$11\frac{1}{2}$	11441	300....	$4577\frac{5}{8}$	4577.6567

Sp. Gr. .736.			
15.2174 Gallons to 1 Cwt.		304.3178 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$15\frac{1}{4}$
2.....	$\frac{1}{4}$	2....	$30\frac{3}{8}$
3.....	$\frac{3}{8}$	3....	$45\frac{5}{8}$
4.....	$\frac{1}{2}$	4....	$60\frac{7}{8}$
5.....	$\frac{5}{8}$	5....	$76\frac{1}{8}$
6.....	$\frac{7}{8}$	6....	$91\frac{1}{4}$
7.....	1.....	7....	$106\frac{1}{2}$
8.....	$1\frac{1}{8}$	8....	$121\frac{3}{4}$
9.....	$1\frac{1}{4}$	9....	137.....
10.....	$1\frac{3}{8}$	10....	$152\frac{1}{8}$
11.....	$1\frac{1}{2}$	11....	$167\frac{3}{8}$
12.....	$1\frac{5}{8}$	12....	$182\frac{5}{8}$
13.....	$1\frac{3}{4}$	13....	$197\frac{7}{8}$
14.....	$1\frac{7}{8}$	14....	213.....
15.....	2.....	15....	$228\frac{1}{4}$
16.....	$2\frac{1}{8}$	16....	$243\frac{1}{2}$
17.....	$2\frac{1}{4}$	17....	$258\frac{3}{8}$
18.....	$2\frac{1}{2}$	18....	$273\frac{5}{8}$
19.....	$2\frac{5}{8}$	19....	$289\frac{1}{8}$
20.....	$2\frac{3}{4}$	20....	$304\frac{3}{8}$
21.....	$2\frac{7}{8}$	30....	$456\frac{1}{2}$
22.....	3.....	40....	$608\frac{3}{4}$
23.....	$3\frac{1}{8}$	50....	$760\frac{7}{8}$
24.....	$3\frac{1}{4}$	60....	913.....
25.....	$3\frac{3}{8}$	70....	$1065\frac{1}{4}$
26.....	$3\frac{1}{2}$	80....	$1217\frac{3}{8}$
27.....	$3\frac{5}{8}$	90....	$1369\frac{5}{8}$
Qrs.		100....	$1521\frac{3}{4}$
1.....	$3\frac{3}{4}$	200....	$3043\frac{1}{2}$
2.....	$7\frac{5}{8}$	300....	$4565\frac{1}{4}$
3.....	$11\frac{3}{8}$		

Sp. Gr. .738.					
15·1761 Gallons to 1 Cwt.			303·5230 Gallons to 1 Ton.		
Lbs.	Gallons.		Cwts.	Gallons.	
1.....	$\frac{1}{8}$	·1355	1....	$15\frac{1}{8}$	15·1761
2.....	$\frac{1}{4}$	·2710	2....	$30\frac{3}{8}$	30·3523
3.....	$\frac{3}{8}$	·4065	3....	$45\frac{1}{2}$	45·5284
4.....	$\frac{1}{2}$	·5420	4....	$60\frac{3}{4}$	60·7046
5.....	$\frac{5}{8}$	·6775	5....	$75\frac{7}{8}$	75·8808
6.....	$\frac{7}{8}$	·8130	6....	91.....	91·0569
7.....	1.....	·9485	7....	$106\frac{1}{4}$	106·2331
8.....	$1\frac{1}{8}$	1·0840	8....	$121\frac{3}{8}$	121·4092
9.....	$1\frac{1}{4}$	1·2195	9....	$136\frac{5}{8}$	136·5854
10....	$1\frac{3}{8}$	1·3550	10....	$151\frac{3}{4}$	151·7615
11....	$1\frac{1}{2}$	1·4905	11....	167.....	166·9377
12....	$1\frac{5}{8}$	1·6260	12....	$182\frac{1}{8}$	182·1138
13....	$1\frac{3}{4}$	1·7615	13....	$197\frac{1}{4}$	197·2900
14....	$1\frac{7}{8}$	1·8970	14....	$212\frac{1}{2}$	212·4661
15....	2.....	2·0325	15....	$227\frac{5}{8}$	227·6423
16....	$2\frac{1}{8}$	2·1680	16....	$242\frac{7}{8}$	242·8184
17....	$2\frac{1}{4}$	2·3035	17....	258.....	257·9946
18....	$2\frac{1}{2}$	2·4390	18....	$273\frac{1}{8}$	273·1707
19....	$2\frac{5}{8}$	2·5745	19....	$288\frac{3}{8}$	288·3469
20....	$2\frac{3}{4}$	2·7100	20....	$303\frac{1}{2}$	303·5230
21....	$2\frac{7}{8}$	2·8455	30....	$455\frac{1}{4}$	455·2845
22....	3.....	2·9810	40....	607.....	607·0461
23....	$3\frac{1}{8}$	3·1165	50....	$758\frac{3}{4}$	758·8076
24....	$3\frac{1}{4}$	3·2520	60....	$910\frac{5}{8}$	910·5691
25....	$3\frac{3}{8}$	3·3875	70....	$1062\frac{3}{8}$	1062·3306
26....	$3\frac{1}{2}$	3·5230	80....	$1214\frac{1}{8}$	1214·0921
27....	$3\frac{5}{8}$	3·6585	90....	$1365\frac{7}{8}$	1365·8537
Qrs.			100....	$1517\frac{5}{8}$	1517·6152
1.....	$3\frac{3}{4}$	3·7940	200....	$3035\frac{1}{4}$	3035·2303
2.....	$7\frac{5}{8}$	7·5881	300....	$4552\frac{7}{8}$	4552·8455
3.....	$11\frac{3}{8}$	11·3821			

Sp. Gr. .740.			
15·1351 Gallons to 1 Cwt.		302·7027 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$15\frac{1}{8}$ 15·1351
2.....	$\frac{1}{4}$	2....	$30\frac{1}{4}$ 30·2703
3.....	$\frac{3}{8}$	3....	$45\frac{3}{8}$ 45·4054
4.....	$\frac{1}{2}$	4....	$60\frac{1}{2}$ 60·5405
5.....	$\frac{5}{8}$	5....	$75\frac{5}{8}$ 75·6757
6.....	$\frac{3}{4}$	6....	$90\frac{3}{4}$ 90·8108
7.....	1.....	7....	106.... 105·9460
8.....	$1\frac{1}{8}$	8....	$121\frac{1}{8}$ 121·0811
9.....	$1\frac{1}{4}$	9....	$136\frac{1}{4}$ 136·2162
10.....	$1\frac{3}{8}$	10....	$151\frac{3}{8}$ 151·3513
11.....	$1\frac{1}{2}$	11....	$166\frac{1}{2}$ 166·4865
12.....	$1\frac{5}{8}$	12....	$181\frac{5}{8}$ 181·6216
13.....	$1\frac{3}{4}$	13....	$196\frac{3}{4}$ 196·7568
14.....	$1\frac{7}{8}$	14....	$211\frac{7}{8}$ 211·8919
15.....	2.....	15....	227.... 227·0270
16.....	$2\frac{1}{8}$	16....	$242\frac{1}{8}$ 242·1622
17.....	$2\frac{1}{4}$	17....	$257\frac{1}{4}$ 257·2973
18.....	$2\frac{3}{8}$	18....	$272\frac{3}{8}$ 272·4324
19.....	$2\frac{5}{8}$	19....	$287\frac{5}{8}$ 287·5676
20.....	$2\frac{3}{4}$	20....	$302\frac{3}{4}$ 302·7027
21.....	$2\frac{7}{8}$	30....	454.... 454·0540
22.....	3.....	40....	$605\frac{3}{8}$ 605·4054
23.....	$3\frac{1}{8}$	50....	$756\frac{3}{4}$ 756·7563
24.....	$3\frac{1}{4}$	60....	$908\frac{1}{8}$ 908·1081
25.....	$3\frac{3}{8}$	70....	$1059\frac{1}{2}$ 1059·4595
26.....	$3\frac{1}{2}$	80....	$1210\frac{1}{4}$ 1210·8108
27.....	$3\frac{5}{8}$	90....	$1362\frac{1}{8}$ 1362·1622
Qrs.		100....	$1513\frac{1}{2}$ 1513·5135
1.....	$3\frac{3}{4}$	200....	3027.... 3027·0270
2.....	$7\frac{5}{8}$	300....	$4540\frac{1}{2}$ 4540·5405
3.....	$11\frac{3}{8}$		

Sp. Gr. 742.			
15·0943 Gallons to 1 Cwt.		301·8868 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$15\frac{1}{8}$ 15·0943
2.....	$\frac{1}{4}$	2.....	$30\frac{1}{4}$ 30·1887
3.....	$\frac{3}{8}$	3....	$45\frac{1}{4}$ 45·2830
4.....	$\frac{1}{2}$	4....	$60\frac{3}{8}$ 60·3774
5.....	$\frac{5}{8}$	5....	$75\frac{1}{2}$ 75·4717
6.....	$\frac{3}{4}$	6....	$90\frac{5}{8}$ 90·5660
7.....	1.....	7....	$105\frac{5}{8}$ 105·6604
8.....	$1\frac{1}{8}$	8....	$120\frac{3}{4}$ 120·7547
9.....	$1\frac{1}{4}$	9....	$135\frac{7}{8}$ 135·8491
10.....	$1\frac{3}{8}$	10....	151.... 150·9434
11.....	$1\frac{1}{2}$	11....	166.... 166·0377
12.....	$1\frac{5}{8}$	12....	$181\frac{1}{8}$ 181·1321
13.....	$1\frac{3}{4}$	13....	$196\frac{1}{4}$ 196·2264
14.....	$1\frac{7}{8}$	14....	$211\frac{3}{8}$ 211·3207
15.....	2.....	15....	$226\frac{3}{8}$ 226·4151
16.....	$2\frac{1}{8}$	16....	$241\frac{1}{2}$ 241·5094
17.....	$2\frac{1}{4}$	17....	$256\frac{5}{8}$ 256·6038
18.....	$2\frac{3}{8}$	18....	$271\frac{3}{4}$ 271·6981
19.....	$2\frac{1}{2}$	19....	$286\frac{3}{4}$ 286·7924
20.....	$2\frac{3}{4}$	20....	$301\frac{7}{8}$ 301·8868
21.....	$2\frac{7}{8}$	30....	$452\frac{7}{8}$ 452·8302
22.....	3.....	40....	$603\frac{3}{4}$ 603·7736
23.....	$3\frac{1}{8}$	50....	$754\frac{3}{4}$ 754·7170
24.....	$3\frac{1}{4}$	60....	$905\frac{5}{8}$ 905·6604
25.....	$3\frac{3}{8}$	70....	$1056\frac{5}{8}$ 1056·6038
26.....	$3\frac{1}{2}$	80....	$1207\frac{1}{2}$ 1207·5472
27.....	$3\frac{5}{8}$	90....	$1358\frac{1}{2}$ 1358·4906
Qrs.			
1.....	$3\frac{3}{4}$	100....	$1509\frac{3}{8}$ 1509·4340
2.....	$7\frac{1}{2}$	200....	$3018\frac{7}{8}$ 3018·8679
3.....	$11\frac{3}{8}$	300....	$4528\frac{1}{4}$ 4528·3019

Sp. Gr. .744.			
15.0538 Gallons to 1 Cwt.		301.0753 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons
1.....	$\frac{1}{8}$	1....	15..... 15.0538
2.....	$\frac{1}{4}$	2....	$30\frac{1}{8}$ 30.1075
3.....	$\frac{3}{8}$	3....	$45\frac{1}{8}$ 45.1613
4.....	$\frac{1}{2}$	4....	$60\frac{1}{4}$ 60.2150
5.....	$\frac{5}{8}$	5....	$75\frac{1}{4}$ 75.2688
6.....	$\frac{3}{4}$	6....	$90\frac{1}{4}$ 90.3226
7.....	1.....	7....	$105\frac{3}{8}$ 105.3763
8.....	$1\frac{1}{8}$	8....	$120\frac{3}{8}$ 120.4301
9.....	$1\frac{1}{4}$	9....	$135\frac{1}{2}$ 135.4839
10.....	$1\frac{3}{8}$	10....	$150\frac{1}{2}$ 150.5376
11.....	$1\frac{1}{2}$	11....	$165\frac{5}{8}$ 165.5914
12.....	$1\frac{5}{8}$	12....	$180\frac{5}{8}$ 180.6452
13.....	$1\frac{3}{4}$	13....	$195\frac{3}{4}$ 195.6989
14.....	$1\frac{7}{8}$	14....	$210\frac{3}{4}$ 210.7527
15.....	2.....	15....	$225\frac{3}{4}$ 225.8064
16.....	$2\frac{1}{8}$	16....	$240\frac{7}{8}$ 240.8602
17.....	$2\frac{1}{4}$	17....	$255\frac{7}{8}$ 255.9140
18.....	$2\frac{3}{8}$	18....	271..... 270.9677
19.....	$2\frac{1}{2}$	19....	286..... 286.0215
20.....	$2\frac{3}{4}$	20....	$301\frac{1}{4}$ 301.0753
21.....	$2\frac{7}{8}$	30....	$451\frac{5}{8}$ 451.6129
22.....	3.....	40....	$602\frac{1}{8}$ 602.1505
23.....	$3\frac{1}{8}$	50....	$752\frac{3}{8}$ 752.6882
24.....	$3\frac{1}{4}$	60....	$903\frac{1}{4}$ 903.2258
25.....	$3\frac{3}{8}$	70....	$1053\frac{3}{4}$ 1053.7634
26.....	$3\frac{1}{2}$	80....	$1204\frac{1}{4}$ 1204.3011
27.....	$3\frac{5}{8}$	90....	$1354\frac{7}{8}$ 1354.8387
Qrs.		100....	$1505\frac{3}{4}$ 1505.3763
1.....	$3\frac{3}{4}$	200....	$3010\frac{3}{4}$ 3010.7527
2.....	$7\frac{1}{2}$	300....	$4516\frac{1}{8}$ 4516.1290
3.....	$11\frac{1}{4}$		

Sp. Gr. .746.					
15·0134 Gallons to 1 Cwt.			300·2681 Gallons to 1 Ton.		
Lbs.	Gallons.		Cwts.	Gallons.	
1.....	$\frac{1}{8}$	·1340	1....	15	15·0134
2.....	$\frac{1}{4}$	·2681	2....	30	30·0268
3.....	$\frac{3}{8}$	·4021	3....	45	45·0402
4.....	$\frac{1}{2}$	·5362	4....	60	60·0536
5.....	$\frac{5}{8}$	·6702	5....	75 $\frac{1}{8}$	75·0670
6.....	$\frac{3}{4}$	·8043	6....	90 $\frac{1}{8}$	90·0804
7.....	1	·9383	7....	105 $\frac{1}{8}$	105·0938
8.....	1 $\frac{1}{8}$	1·0724	8....	120 $\frac{1}{8}$	120·1072
9.....	1 $\frac{1}{4}$	1·2061	9....	135 $\frac{1}{8}$	135·1206
10.....	1 $\frac{3}{8}$	1·3405	10....	150 $\frac{1}{8}$	150·1340
11.....	1 $\frac{1}{2}$	1·4745	11....	165 $\frac{1}{8}$	165·1474
12.....	1 $\frac{5}{8}$	1·6086	12....	180 $\frac{1}{8}$	180·1609
13.....	1 $\frac{3}{4}$	1·7426	13....	195 $\frac{1}{8}$	195·1743
14.....	1 $\frac{7}{8}$	1·8767	14....	210 $\frac{1}{8}$	210·1877
15.....	2	2·0107	15....	225 $\frac{1}{8}$	225·2011
16.....	2 $\frac{1}{8}$	2·1448	16....	240 $\frac{1}{8}$	240·2145
17.....	2 $\frac{1}{4}$	2·2788	17....	255 $\frac{1}{8}$	255·2279
18.....	2 $\frac{3}{8}$	2·4129	18....	270 $\frac{1}{8}$	270·2413
19.....	2 $\frac{1}{2}$	2·5469	19....	285 $\frac{1}{8}$	285·2547
20.....	2 $\frac{5}{8}$	2·6810	20....	300 $\frac{1}{8}$	300·2681
21.....	2 $\frac{7}{8}$	2·8150	30....	450 $\frac{3}{8}$	450·4021
22.....	3	2·9491	40....	600 $\frac{1}{2}$	600·5362
23.....	3 $\frac{1}{8}$	3·0831	50....	750 $\frac{5}{8}$	750·6702
24.....	3 $\frac{1}{4}$	3·2172	60....	900 $\frac{3}{4}$	900·8043
25.....	3 $\frac{3}{8}$	3·3512	70....	1051	1050·9383
26.....	3 $\frac{1}{2}$	3·4852	80....	1201 $\frac{1}{2}$	1201·0724
27.....	3 $\frac{5}{8}$	3·6193	90....	1351 $\frac{1}{4}$	1351·2064
Qrs.			100....	1501 $\frac{3}{8}$	1501·3405
1.....	3 $\frac{3}{4}$	3·7533	200....	3002 $\frac{5}{8}$	3002·6810
2.....	7 $\frac{1}{2}$	7·5067	300....	4504	4504·0214
3.....	11 $\frac{1}{4}$	11·2600			

Sp. Gr. .748.

14·9733 Gallons to 1 Cwt.

299·4652 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	15.... 14·9733
2.....	$\frac{1}{4}$	2....	30.... 29·9465
3.....	$\frac{3}{8}$	3....	41 $\frac{7}{8}$ 44·9198
4.....	$\frac{1}{2}$	4....	59 $\frac{7}{8}$ 59·8930
5.....	$\frac{5}{8}$	5....	74 $\frac{7}{8}$ 74·8663
6.....	$\frac{3}{4}$	6....	89 $\frac{7}{8}$ 89·8396
7.....	$\frac{7}{8}$	7....	101 $\frac{7}{8}$ 101·8128
8.....	1 $\frac{1}{8}$	8....	119 $\frac{3}{4}$ 119·7861
9.....	1 $\frac{1}{4}$	9....	131 $\frac{3}{4}$ 131·7594
10.....	1 $\frac{3}{8}$	10....	149 $\frac{3}{4}$ 149·7326
11.....	1 $\frac{1}{2}$	11....	161 $\frac{3}{4}$ 161·7059
12.....	1 $\frac{5}{8}$	12....	179 $\frac{5}{8}$ 179·6791
13.....	1 $\frac{3}{4}$	13....	194 $\frac{5}{8}$ 194·6524
14.....	1 $\frac{7}{8}$	14....	209 $\frac{5}{8}$ 209·6257
15.....	2.....	15....	221 $\frac{5}{8}$ 221·5989
16.....	2 $\frac{1}{8}$	16....	239 $\frac{5}{8}$ 239·5722
17.....	2 $\frac{1}{4}$	17....	251 $\frac{1}{2}$ 251·5451
18.....	2 $\frac{3}{8}$	18....	269 $\frac{1}{2}$ 269·5187
19.....	2 $\frac{1}{2}$	19....	284 $\frac{1}{2}$ 284·4920
20.....	2 $\frac{5}{8}$	20....	299 $\frac{1}{2}$ 299·4652
21.....	2 $\frac{3}{4}$	30....	449 $\frac{1}{4}$ 449·1979
22.....	3.....	40....	598 $\frac{7}{8}$ 598·9305
23.....	3 $\frac{1}{8}$	50....	748 $\frac{5}{8}$ 748·6631
24.....	3 $\frac{1}{4}$	60....	898 $\frac{3}{8}$ 898·3957
25.....	3 $\frac{3}{8}$	70....	1048 $\frac{1}{4}$ 1048·1283
26.....	3 $\frac{1}{2}$	80....	1197 $\frac{7}{8}$ 1197·8610
27.....	3 $\frac{5}{8}$	90....	1347 $\frac{5}{8}$ 1347·5936
Qrs.		100....	1497 $\frac{3}{8}$ 1497·3262
1.....	3 $\frac{3}{4}$	200....	2994 $\frac{5}{8}$ 2994·6524
2.....	7 $\frac{1}{2}$	300....	4492.... 4491·9786
3.....	11 $\frac{1}{4}$		

Sp. Gr. 750.					
14·9333 Gallons to 1 Cwt.			298·6667 Gallons to 1 Ton.		
Lbs.	Gallons.		Cwts.	Gallons.	
1.....	$\frac{1}{8}$	·1333	1....	$14\frac{7}{8}$	14·9333
2.....	$\frac{1}{4}$	·2667	2....	$29\frac{7}{8}$	29·8667
3.....	$\frac{3}{8}$	·4000	3....	$44\frac{3}{4}$	44·8000
4.....	$\frac{1}{2}$	·5333	4....	$59\frac{3}{4}$	59·7333
5.....	$\frac{5}{8}$	·6667	5....	$74\frac{5}{8}$	74·6667
6.....	$\frac{3}{4}$	·8000	6....	$89\frac{5}{8}$	89·6000
7.....	$\frac{7}{8}$	·9333	7....	$101\frac{1}{2}$	101·5333
8.....	$1\frac{1}{8}$	1·0667	8....	$119\frac{1}{2}$	119·4667
9.....	$1\frac{1}{4}$	1·2000	9....	$134\frac{3}{8}$	134·4000
10.....	$1\frac{3}{8}$	1·3333	10....	$149\frac{3}{8}$	149·3333
11.....	$1\frac{1}{2}$	1·4667	11....	$164\frac{1}{4}$	164·2667
12.....	$1\frac{5}{8}$	1·6000	12....	$179\frac{1}{4}$	179·2000
13.....	$1\frac{3}{4}$	1·7333	13....	$191\frac{1}{8}$	191·1333
14.....	$1\frac{7}{8}$	1·8667	14....	$209\frac{1}{8}$	209·0667
15.....	2.....	2·0000	15....	221.....	221·0000
16.....	$2\frac{1}{8}$	2·1333	16....	$238\frac{7}{8}$	238·9333
17.....	$2\frac{1}{4}$	2·2667	17....	$253\frac{7}{8}$	253·8667
18.....	$2\frac{3}{8}$	2·4000	18....	$268\frac{3}{4}$	268·8000
19.....	$2\frac{1}{2}$	2·5333	19....	$283\frac{3}{4}$	283·7333
20.....	$2\frac{5}{8}$	2·6667	20....	$298\frac{5}{8}$	298·6667
21.....	$2\frac{3}{4}$	2·8000	20....	448.....	448·0000
22.....	$2\frac{7}{8}$	2·9333	40....	$597\frac{3}{8}$	597·3333
23.....	$3\frac{1}{8}$	3·0667	50....	$746\frac{5}{8}$	746·6667
24.....	$3\frac{1}{4}$	3·2000	60....	896.....	896·0000
25.....	$3\frac{3}{8}$	3·3333	70....	$1045\frac{1}{4}$	1045·3333
26.....	$3\frac{1}{2}$	3·4667	80....	$1194\frac{5}{8}$	1194·6667
27.....	$3\frac{5}{8}$	3·6000	90....	1344.....	1344·0000
Qrs.			100....	$1493\frac{3}{8}$	1493·3333
1.....	$3\frac{3}{4}$	3·7333	200....	$2986\frac{5}{8}$	2986·6667
2.....	$7\frac{1}{2}$	7·4667	300....	4480.....	4480·0000
3.....	$11\frac{1}{4}$	11·2000			

OIL TRADE CALCULATOR

27

Sp. Gr. .752.					
14·8936 Gallons to 1 Cwt.		297·8723 Gallons to 1 Ton.			
Lbs.	Gallons.	Cwts.	Gallons.		
1.....	$\frac{1}{8}$	1330	1....	$14\frac{7}{8}$	14·8936
2.....	$\frac{1}{4}$	2660	2....	$29\frac{3}{4}$	29·7872
3.....	$\frac{3}{8}$	3989	3....	$41\frac{5}{8}$	41·6808
4.....	$\frac{1}{2}$	5319	4....	$59\frac{5}{8}$	59·5745
5.....	$\frac{5}{8}$	6649	5....	$74\frac{1}{2}$	74·4681
6.....	$\frac{3}{4}$	7979	6....	$89\frac{3}{8}$	89·3617
7.....	$\frac{7}{8}$	9308	7....	$104\frac{1}{4}$	104·2553
8.....	$1\frac{1}{8}$	1·0638	8....	$119\frac{1}{8}$	119·1489
9.....	$1\frac{1}{4}$	1·1968	9....	134.....	134·0425
10.....	$1\frac{3}{8}$	1·3298	10....	$148\frac{7}{8}$	148·9362
11.....	$1\frac{1}{2}$	1·4628	11....	$163\frac{7}{8}$	163·8298
12.....	$1\frac{5}{8}$	1·5957	12....	$178\frac{3}{8}$	178·7234
13.....	$1\frac{3}{4}$	1·7287	13....	$193\frac{5}{8}$	193·6170
14.....	$1\frac{7}{8}$	1·8617	14....	$208\frac{1}{2}$	208·5106
15.....	2.....	1·9947	15....	$223\frac{3}{8}$	223·4042
16.....	$2\frac{1}{8}$	2·1277	16....	$238\frac{1}{4}$	238·2979
17.....	$2\frac{1}{4}$	2·2606	17....	$253\frac{1}{4}$	253·1915
18.....	$2\frac{3}{8}$	2·3936	18....	$268\frac{1}{8}$	268·0851
19.....	$2\frac{1}{2}$	2·5266	19....	283.....	282·9787
20.....	$2\frac{5}{8}$	2·6596	20....	$297\frac{7}{8}$	297·8723
21.....	$2\frac{3}{4}$	2·7925	20....	$446\frac{3}{4}$	446·8085
22.....	$2\frac{7}{8}$	2·9255	40....	$595\frac{3}{4}$	595·7447
23.....	3.....	3·0585	50....	$744\frac{5}{8}$	744·6808
24.....	$3\frac{1}{4}$	3·1915	60....	$893\frac{5}{8}$	893·6170
25.....	$3\frac{3}{8}$	3·3245	70....	$1042\frac{1}{2}$	1042·5532
26.....	$3\frac{1}{2}$	3·4574	80....	$1191\frac{1}{2}$	1191·4894
27.....	$3\frac{5}{8}$	3·5904	90....	$1340\frac{3}{8}$	1340·4255
Qrs.					
1.....	$3\frac{3}{4}$	3·7234	100....	$1489\frac{3}{8}$	1489·3617
2.....	$7\frac{1}{2}$	7·4468	200....	$2978\frac{3}{4}$	2978·7234
3.....	$11\frac{1}{8}$	11·1702	300....	$4468\frac{1}{8}$	4468·0851

Sp. Gr. .754.

14·8541 Gallons to 1 Cwt.

297·0822 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$14\frac{7}{8}$
2.....	$\frac{1}{4}$	2....	$29\frac{3}{4}$
3.....	$\frac{3}{8}$	3....	$44\frac{1}{2}$
4.....	$\frac{1}{2}$	4....	$59\frac{3}{8}$
5.....	$\frac{5}{8}$	5....	$74\frac{1}{4}$
6.....	$\frac{3}{4}$	6....	$89\frac{1}{8}$
7.....	$\frac{7}{8}$	7....	104
8.....	1.....	8....	$118\frac{7}{8}$
9.....	$1\frac{1}{4}$	9....	$133\frac{5}{8}$
10.....	$1\frac{3}{8}$	10....	$148\frac{1}{2}$
11.....	$1\frac{1}{2}$	11....	$163\frac{3}{8}$
12.....	$1\frac{5}{8}$	12....	$178\frac{1}{4}$
13.....	$1\frac{3}{4}$	13....	$193\frac{1}{8}$
14.....	$1\frac{7}{8}$	14....	208
15.....	2.....	15....	$222\frac{3}{4}$
16.....	$2\frac{1}{8}$	16....	$237\frac{5}{8}$
17.....	$2\frac{1}{4}$	17....	$252\frac{1}{2}$
18.....	$2\frac{3}{8}$	18....	$267\frac{3}{8}$
19.....	$2\frac{1}{2}$	19....	$282\frac{1}{4}$
20.....	$2\frac{5}{8}$	20....	$297\frac{1}{8}$
21.....	$2\frac{3}{4}$	30....	$445\frac{5}{8}$
22.....	$2\frac{7}{8}$	40....	$594\frac{1}{8}$
23.....	3.....	50....	$742\frac{1}{4}$
24.....	$3\frac{1}{8}$	60....	$891\frac{1}{4}$
25.....	$3\frac{3}{8}$	70....	$1039\frac{3}{4}$
26.....	$3\frac{1}{2}$	80....	$1188\frac{3}{8}$
27.....	$3\frac{5}{8}$	90....	$1336\frac{3}{8}$
Qrs.		100....	$1485\frac{3}{8}$
1.....	$3\frac{3}{4}$	200....	$2970\frac{7}{8}$
2.....	$7\frac{3}{8}$	300....	$4456\frac{1}{4}$
3.....	$11\frac{1}{8}$		

OIL TRADE CALCULATOR

2

Sp. Gr. .756.

14·8148 Gallons to 1 Cwt.

296·2963 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$14\frac{7}{8}$
2.....	$\frac{1}{4}$	2....	$29\frac{5}{8}$
3.....	$\frac{3}{8}$	3....	$44\frac{1}{2}$
4.....	$\frac{1}{2}$	4....	$59\frac{1}{4}$
5.....	$\frac{5}{8}$	5....	$74\frac{1}{8}$
6.....	$\frac{3}{4}$	6....	$88\frac{7}{8}$
7.....	$\frac{7}{8}$	7....	$103\frac{3}{4}$
8.....	1.....	8....	$118\frac{1}{2}$
9.....	$1\frac{1}{4}$	9....	$133\frac{3}{8}$
10.....	$1\frac{3}{8}$	10....	$148\frac{1}{8}$
11.....	$1\frac{1}{2}$	11....	163.....
12.....	$1\frac{5}{8}$	12....	$177\frac{3}{4}$
13.....	$1\frac{3}{4}$	13....	$192\frac{5}{8}$
14.....	$1\frac{7}{8}$	14....	$207\frac{3}{8}$
15.....	2.....	15....	$222\frac{1}{4}$
16.....	$2\frac{1}{8}$	16....	237.....
17.....	$2\frac{1}{4}$	17....	$251\frac{7}{8}$
18.....	$2\frac{3}{8}$	18....	$266\frac{5}{8}$
19.....	$2\frac{1}{2}$	19....	$281\frac{1}{2}$
20.....	$2\frac{5}{8}$	20....	$296\frac{1}{4}$
21.....	$2\frac{3}{4}$	30....	$444\frac{1}{2}$
22.....	$2\frac{7}{8}$	40....	$592\frac{5}{8}$
23.....	3.....	50....	$740\frac{3}{4}$
24.....	$3\frac{1}{8}$	60....	$888\frac{7}{8}$
25.....	$3\frac{1}{4}$	70....	1037.....
26.....	$3\frac{1}{2}$	80....	$1185\frac{1}{8}$
27.....	$3\frac{5}{8}$	90....	$1333\frac{3}{8}$
Qrs.		100....	$1481\frac{1}{2}$
1.....	$3\frac{3}{4}$	200....	2963.....
2.....	$7\frac{3}{8}$	300....	$4444\frac{1}{2}$
3.....	$11\frac{1}{8}$		

Sp. Gr. .758.			
14.7757 Gallons to 1 Cwt.		295.5145 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$14\frac{3}{4}$
2.....	$\frac{1}{4}$	2....	$29\frac{1}{2}$
3.....	$\frac{3}{8}$	3....	$44\frac{3}{8}$
4.....	$\frac{1}{2}$	4....	$59\frac{1}{8}$
5.....	$\frac{5}{8}$	5....	$73\frac{7}{8}$
6.....	$\frac{3}{4}$	6....	$88\frac{5}{8}$
7.....	$\frac{7}{8}$	7....	$103\frac{3}{8}$
8.....	1.....	8....	$118\frac{1}{4}$
9.....	$1\frac{1}{8}$	9....	133....
10.....	$1\frac{3}{8}$	10....	$147\frac{3}{4}$
11.....	$1\frac{1}{2}$	11....	$162\frac{1}{2}$
12.....	$1\frac{5}{8}$	12....	$177\frac{1}{4}$
13.....	$1\frac{3}{4}$	13....	$192\frac{1}{8}$
14.....	$1\frac{7}{8}$	14....	$206\frac{7}{8}$
15.....	2.....	15....	$221\frac{5}{8}$
16.....	$2\frac{1}{8}$	16....	$236\frac{3}{8}$
17.....	$2\frac{1}{4}$	17....	$251\frac{1}{8}$
18.....	$2\frac{3}{8}$	18....	266....
19.....	$2\frac{1}{2}$	19....	$280\frac{3}{4}$
20.....	$2\frac{5}{8}$	20....	$295\frac{1}{2}$
21.....	$2\frac{3}{4}$	30....	$443\frac{1}{4}$
22.....	$2\frac{7}{8}$	40....	591....
23.....	3.....	50....	$738\frac{3}{4}$
24.....	$3\frac{1}{8}$	60....	$886\frac{1}{2}$
25.....	$3\frac{1}{4}$	70....	$1034\frac{1}{4}$
26.....	$3\frac{3}{8}$	80....	1182....
27.....	$3\frac{1}{2}$	90....	$1329\frac{7}{8}$
Qrs.		100....	$1477\frac{5}{8}$
1.....	$3\frac{3}{4}$	200....	$2955\frac{1}{8}$
2.....	$7\frac{3}{8}$	300....	$4432\frac{3}{4}$
3.....	$11\frac{1}{8}$		

Sp. Gr. .760.			
14.7368 Gallons to 1 Cwt.		294.7368 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons. ♦
1.....	$\frac{1}{8}$	1....	$14\frac{3}{4}$ 14.7368
2.....	$\frac{1}{4}$	2....	$29\frac{1}{2}$ 29.4737
3.....	$\frac{3}{8}$	3....	$44\frac{1}{4}$ 44.2105
4.....	$\frac{1}{2}$	4....	59 58.9474
5.....	$\frac{5}{8}$	5....	$73\frac{5}{8}$ 73.6812
6.....	$\frac{3}{4}$	6....	$88\frac{3}{8}$ 88.4210
7.....	$\frac{7}{8}$	7....	$103\frac{1}{8}$ 103.1579
8.....	1	8....	$117\frac{7}{8}$ 117.8947
9.....	$1\frac{1}{8}$	9. .	$132\frac{5}{8}$ 132.6316
10.....	$1\frac{3}{8}$	10....	$147\frac{3}{8}$ 147.3684
11.....	$1\frac{1}{2}$	11....	$162\frac{1}{8}$ 162.1053
12.....	$1\frac{5}{8}$	12....	$176\frac{7}{8}$ 176.8421
13.....	$1\frac{3}{4}$	13....	$191\frac{5}{8}$ 191.5789
14.....	$1\frac{7}{8}$	14....	$206\frac{3}{8}$ 206.3158
15.....	2	15....	221 221.0526
16.....	$2\frac{1}{8}$	16....	$235\frac{3}{4}$ 235.7895
17.....	$2\frac{1}{4}$	17....	$250\frac{1}{2}$ 250.5263
18.....	$2\frac{3}{8}$	18....	$265\frac{1}{4}$ 265.2632
19.....	$2\frac{1}{2}$	19....	280 280.0000
20.....	$2\frac{5}{8}$	20....	$294\frac{3}{4}$ 294.7368
21.....	$2\frac{3}{4}$	30....	$442\frac{1}{8}$ 442.1053
22.....	$2\frac{7}{8}$	40....	$589\frac{1}{2}$ 589.4737
23.....	3	50....	$736\frac{7}{8}$ 736.8421
24.....	$3\frac{1}{8}$	60....	$884\frac{1}{4}$ 884.2105
25.....	$3\frac{1}{4}$	70....	$1031\frac{5}{8}$ 1031.5789
26.....	$3\frac{3}{8}$	80....	1179 1178.9474
27.....	$3\frac{1}{2}$	90....	$1326\frac{3}{8}$ 1326.3158
Qrs.		100....	$1473\frac{5}{8}$ 1473.6842
1.....	$3\frac{5}{8}$	200....	$2947\frac{3}{8}$ 2947.3684
2.....	$7\frac{3}{8}$	300....	4421 4421.0526
3.....	11		

Sp. Gr. .762.			
14.6982 Gallons to 1 Cwt.		293.9632 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$14\frac{3}{4}$ 14.6982
2.....	$\frac{1}{4}$	2....	$29\frac{3}{8}$ 29.3963
3.....	$\frac{3}{8}$	3....	$44\frac{1}{8}$ 44.0945
4.....	$\frac{1}{2}$	4....	$58\frac{3}{4}$ 58.7926
5.....	$\frac{5}{8}$	5....	$73\frac{1}{2}$ 73.4908
6.....	$\frac{3}{4}$	6....	$88\frac{1}{4}$ 88.1890
7.....	$\frac{7}{8}$	7....	$102\frac{7}{8}$ 102.8871
8.....	1.....	8....	$117\frac{5}{8}$ 117.5853
9.....	$1\frac{1}{8}$	9....	$132\frac{1}{4}$ 132.2835
10.....	$1\frac{1}{4}$	10....	147 146.9816
11.....	$1\frac{1}{2}$	11....	$161\frac{5}{8}$ 161.6798
12.....	$1\frac{5}{8}$	12....	$176\frac{3}{8}$ 176.3779
13.....	$1\frac{3}{4}$	13....	$191\frac{1}{8}$ 191.0761
14.....	$1\frac{7}{8}$	14....	$205\frac{3}{4}$ 205.7743
15.....	2.....	15....	$220\frac{1}{2}$ 220.4724
16.....	$2\frac{1}{8}$	16....	$235\frac{1}{8}$ 235.1706
17.....	$2\frac{1}{4}$	17....	$249\frac{7}{8}$ 249.8688
18.....	$2\frac{3}{8}$	18....	$264\frac{5}{8}$ 264.5669
19.....	$2\frac{1}{2}$	19....	$279\frac{1}{4}$ 279.2651
20.....	$2\frac{5}{8}$	20....	294.... 293.9632
21.....	$2\frac{3}{4}$	30....	441 440.9449
22.....	$2\frac{7}{8}$	40....	$587\frac{7}{8}$ 587.9265
23.....	3.....	50....	$734\frac{7}{8}$ 734.9081
24.....	$3\frac{1}{8}$	60....	$881\frac{7}{8}$ 881.8898
25.....	$3\frac{1}{4}$	70....	$1028\frac{7}{8}$ 1028.8714
26.....	$3\frac{3}{8}$	80....	$1175\frac{7}{8}$ 1175.8530
27.....	$3\frac{1}{2}$	90....	$1322\frac{7}{8}$ 1322.8346
Qrs.		100....	$1469\frac{7}{8}$ 1469.8163
1.....	$3\frac{5}{8}$	200....	$2939\frac{5}{8}$ 2939.6325
2.....	$7\frac{3}{8}$	300....	$4409\frac{1}{2}$ 4409.4488
3.....	11.....		

Sp. Gr. .764.			
14.6597 Gallons to 1 Cwt.		293.1937 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$14\frac{5}{8}$
2.....	$\frac{1}{4}$	2....	$29\frac{3}{8}$
3.....	$\frac{3}{8}$	3....	41.....
4.....	$\frac{1}{2}$	4....	$58\frac{5}{8}$
5.....	$\frac{5}{8}$	5....	$73\frac{1}{4}$
6.....	$\frac{3}{4}$	6....	88.....
7.....	$\frac{7}{8}$	7....	$102\frac{5}{8}$
8.....	1.....	8....	$117\frac{1}{4}$
9.....	$1\frac{1}{8}$	9....	$131\frac{7}{8}$
10.....	$1\frac{1}{4}$	10....	$146\frac{5}{8}$
11.....	$1\frac{1}{2}$	11....	$161\frac{1}{4}$
12.....	$1\frac{5}{8}$	12....	$175\frac{7}{8}$
13.....	$1\frac{3}{4}$	13....	$190\frac{5}{8}$
14.....	$1\frac{7}{8}$	14....	$205\frac{1}{4}$
15.....	2.....	15....	$219\frac{7}{8}$
16.....	$2\frac{1}{8}$	16....	$234\frac{1}{2}$
17.....	$2\frac{1}{4}$	17....	$249\frac{1}{4}$
18.....	$2\frac{3}{8}$	18....	$263\frac{7}{8}$
19.....	$2\frac{1}{2}$	19....	$278\frac{1}{2}$
20.....	$2\frac{5}{8}$	20....	$293\frac{1}{4}$
21.....	$2\frac{3}{4}$	21....	$308\frac{3}{4}$
22.....	$2\frac{7}{8}$	22....	$323\frac{5}{8}$
23.....	3.....	23....	$338\frac{3}{4}$
24.....	$3\frac{1}{8}$	24....	$353\frac{5}{8}$
25.....	$3\frac{1}{4}$	25....	$368\frac{1}{2}$
26.....	$3\frac{3}{8}$	26....	$383\frac{1}{4}$
27.....	$3\frac{1}{2}$	27....	$398\frac{1}{8}$
Qrs.		28....	$413\frac{1}{8}$
1.....	$3\frac{5}{8}$	29....	$428\frac{3}{8}$
2.....	$7\frac{3}{8}$	30....	$443\frac{1}{2}$
3.....	11.....	31....	$458\frac{5}{8}$
		32....	$473\frac{3}{4}$
		33....	$488\frac{1}{4}$
		34....	$503\frac{1}{8}$
		35....	$518\frac{3}{8}$
		36....	$533\frac{1}{2}$
		37....	$548\frac{5}{8}$
		38....	$563\frac{3}{4}$
		39....	$578\frac{1}{4}$
		40....	$593\frac{1}{8}$
		41....	$608\frac{3}{8}$
		42....	$623\frac{1}{2}$
		43....	$638\frac{5}{8}$
		44....	$653\frac{3}{4}$
		45....	$668\frac{1}{4}$
		46....	$683\frac{1}{8}$
		47....	$698\frac{3}{8}$
		48....	$713\frac{1}{2}$
		49....	$728\frac{5}{8}$
		50....	$743\frac{3}{4}$
		51....	$758\frac{1}{4}$
		52....	$773\frac{1}{8}$
		53....	$788\frac{3}{8}$
		54....	$803\frac{1}{2}$
		55....	$818\frac{5}{8}$
		56....	$833\frac{3}{4}$
		57....	$848\frac{1}{4}$
		58....	$863\frac{1}{8}$
		59....	$878\frac{3}{8}$
		60....	$893\frac{1}{2}$
		61....	$908\frac{5}{8}$
		62....	$923\frac{3}{4}$
		63....	$938\frac{1}{4}$
		64....	$953\frac{1}{8}$
		65....	$968\frac{3}{8}$
		66....	$983\frac{1}{2}$
		67....	$998\frac{5}{8}$
		68....	$1013\frac{3}{4}$
		69....	$1028\frac{1}{4}$
		70....	$1043\frac{1}{8}$
		71....	$1058\frac{3}{8}$
		72....	$1073\frac{1}{2}$
		73....	$1088\frac{5}{8}$
		74....	$1103\frac{3}{4}$
		75....	$1118\frac{1}{4}$
		76....	$1133\frac{1}{8}$
		77....	$1148\frac{3}{8}$
		78....	$1163\frac{1}{2}$
		79....	$1178\frac{5}{8}$
		80....	$1193\frac{3}{4}$
		81....	$1208\frac{1}{4}$
		82....	$1223\frac{1}{8}$
		83....	$1238\frac{3}{8}$
		84....	$1253\frac{1}{2}$
		85....	$1268\frac{5}{8}$
		86....	$1283\frac{3}{4}$
		87....	$1298\frac{1}{4}$
		88....	$1313\frac{1}{8}$
		89....	$1328\frac{3}{8}$
		90....	$1343\frac{1}{2}$
		91....	$1358\frac{5}{8}$
		92....	$1373\frac{3}{4}$
		93....	$1388\frac{1}{4}$
		94....	$1403\frac{1}{8}$
		95....	$1418\frac{3}{8}$
		96....	$1433\frac{1}{2}$
		97....	$1448\frac{5}{8}$
		98....	$1463\frac{3}{4}$
		99....	$1478\frac{1}{4}$
		100....	$1493\frac{1}{8}$

Sp. Gr. .766.

14·6214 Gallons to 1 Cwt.

292·4282 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1	$\frac{1}{8}$	1	$14\frac{5}{8}$
2	$\frac{1}{4}$	2	$29\frac{1}{4}$
3	$\frac{3}{8}$	3	$43\frac{7}{8}$
4	$\frac{1}{2}$	4	$58\frac{1}{2}$
5	$\frac{5}{8}$	5	$73\frac{1}{4}$
6	$\frac{3}{4}$	6	$87\frac{3}{4}$
7	$\frac{7}{8}$	7	$102\frac{3}{8}$
8	1	8	117
9	$1\frac{1}{8}$	9	$131\frac{5}{8}$
10	$1\frac{1}{4}$	10	$146\frac{1}{4}$
11	$1\frac{3}{8}$	11	$160\frac{7}{8}$
12	$1\frac{5}{8}$	12	$175\frac{1}{2}$
13	$1\frac{3}{4}$	13	$190\frac{1}{8}$
14	$1\frac{7}{8}$	14	$204\frac{3}{4}$
15	2	15	$219\frac{3}{8}$
16	$2\frac{1}{8}$	16	231
17	$2\frac{1}{4}$	17	$248\frac{5}{8}$
18	$2\frac{3}{8}$	18	$263\frac{1}{8}$
19	$2\frac{1}{2}$	19	$277\frac{3}{4}$
20	$2\frac{5}{8}$	20	$292\frac{3}{8}$
21	$2\frac{3}{4}$	30	$438\frac{5}{8}$
22	$2\frac{7}{8}$	40	$584\frac{7}{8}$
23	3	50	$731\frac{1}{8}$
24	$3\frac{1}{8}$	60	$877\frac{1}{4}$
25	$3\frac{1}{4}$	70	$1023\frac{1}{2}$
26	$3\frac{3}{8}$	80	$1169\frac{3}{4}$
27	$3\frac{1}{2}$	90	$1315\frac{7}{8}$
Qrs.		100	$1462\frac{1}{8}$
1	$3\frac{5}{8}$	200	$2924\frac{1}{4}$
2	$7\frac{1}{4}$	300	$4386\frac{3}{8}$
3	11		

OIL TRADE CALCULATOR

35

Sp. Gr. .768.

14.5833 Gallons to 1 Cwt.

291.6667 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$14\frac{5}{8}$ 14.5833
2.....	$\frac{1}{4}$	2....	$29\frac{1}{8}$ 29.1667
3.....	$\frac{3}{8}$	3....	$43\frac{3}{4}$ 43.7500
4.....	$\frac{1}{2}$	4....	$58\frac{3}{8}$ 58.3333
5.....	$\frac{5}{8}$	5....	$72\frac{7}{8}$ 72.9167
6.....	$\frac{3}{4}$	6....	$87\frac{1}{2}$ 87.5000
7.....	$\frac{7}{8}$	7....	$102\frac{1}{8}$ 102.0833
8.....	1.....	8....	$116\frac{5}{8}$ 116.6667
9.....	$1\frac{1}{8}$	9....	$131\frac{1}{4}$ 131.2500
10.....	$1\frac{1}{4}$	10....	$145\frac{7}{8}$ 145.8333
11.....	$1\frac{3}{8}$	11....	$160\frac{3}{8}$ 160.4167
12.....	$1\frac{1}{2}$	12....	175 175.0000
13.....	$1\frac{3}{4}$	13....	$189\frac{5}{8}$ 189.5833
14.....	$1\frac{7}{8}$	14....	$204\frac{1}{8}$ 204.1667
15.....	2.....	15....	$218\frac{3}{4}$ 218.7500
16.....	$2\frac{1}{8}$	16....	$233\frac{3}{8}$ 233.3333
17.....	$2\frac{1}{4}$	17....	$247\frac{7}{8}$ 247.9167
18.....	$2\frac{3}{8}$	18....	$262\frac{1}{2}$ 262.5000
19.....	$2\frac{1}{2}$	19....	$277\frac{1}{8}$ 277.0833
20.....	$2\frac{5}{8}$	20....	$291\frac{5}{8}$ 291.6667
21.....	$2\frac{3}{4}$	30....	$437\frac{1}{2}$ 437.5000
22.....	$2\frac{7}{8}$	40....	$583\frac{3}{8}$ 583.3333
23.....	3.....	50....	$729\frac{1}{8}$ 729.1667
24.....	$3\frac{1}{8}$	60....	875 875.0000
25.....	$3\frac{1}{4}$	70....	$1020\frac{7}{8}$ 1020.8333
26.....	$3\frac{3}{8}$	80....	$1166\frac{5}{8}$ 1166.6667
27.....	$3\frac{1}{2}$	90....	$1312\frac{1}{2}$ 1312.5000
Qrs.			
1.....	$3\frac{5}{8}$	100....	$1458\frac{3}{4}$ 1458.3333
2.....	$7\frac{1}{4}$	200....	$2916\frac{5}{8}$ 2916.6667
3.....	$10\frac{1}{2}$	300....	4375 4375.0000

Sp. Gr. .770.					
14.5454 Gallons to 1 Cwt.			290.9091 Gallons to 1 Ton.		
Lbs.	Gallons.		Cwts.	Gallons.	
1.....	$\frac{1}{8}$	1299	1....	$14\frac{1}{2}$	14.5454
2.....	$\frac{1}{4}$	2597	2....	$29\frac{1}{8}$	29.0909
3.....	$\frac{3}{8}$	3896	3....	$43\frac{5}{8}$	43.6364
4.....	$\frac{1}{2}$	5195	4....	$58\frac{1}{8}$	58.1818
5.....	$\frac{5}{8}$	6493	5....	$72\frac{3}{4}$	72.7273
6.....	$\frac{3}{4}$	7792	6....	$87\frac{1}{4}$	87.2727
7.....	$\frac{7}{8}$	9091	7....	$101\frac{7}{8}$	101.8182
8.....	1.....	10390	8....	$116\frac{3}{8}$	116.3636
9.....	$1\frac{1}{8}$	11688	9....	$130\frac{7}{8}$	130.9091
10.....	$1\frac{1}{4}$	12987	10....	$145\frac{1}{2}$	145.4545
11.....	$1\frac{3}{8}$	14286	11....	160.....	160.0000
12.....	$1\frac{1}{2}$	15584	12....	$174\frac{1}{2}$	174.5454
13.....	$1\frac{3}{4}$	16883	13....	$189\frac{1}{8}$	189.0909
14.....	$1\frac{7}{8}$	18182	14....	$203\frac{5}{8}$	203.6364
15.....	2.....	19480	15....	$218\frac{1}{8}$	218.1818
16.....	$2\frac{1}{8}$	20779	16....	$232\frac{3}{4}$	232.7273
17.....	$2\frac{1}{4}$	22078	17....	$247\frac{1}{4}$	247.2727
18.....	$2\frac{3}{8}$	23377	18....	$261\frac{7}{8}$	261.8182
19.....	$2\frac{1}{2}$	24675	19....	$276\frac{3}{8}$	276.3636
20.....	$2\frac{5}{8}$	25974	20....	$290\frac{7}{8}$	290.9091
21.....	$2\frac{3}{4}$	27273	30....	$435\frac{3}{8}$	436.3636
22.....	$2\frac{7}{8}$	28571	40....	$581\frac{7}{8}$	581.8182
23.....	3.....	29870	50....	$727\frac{1}{4}$	727.2727
24.....	$3\frac{1}{8}$	31169	60....	$872\frac{3}{4}$	872.7273
25.....	$3\frac{1}{4}$	32467	70....	$1018\frac{1}{8}$	1018.1818
26.....	$3\frac{3}{8}$	33766	80....	$1163\frac{5}{8}$	1163.6364
27.....	$3\frac{1}{2}$	35065	90....	$1309\frac{1}{8}$	1309.0909
Qrs.					
1.....	$3\frac{5}{8}$	36364	100....	$1454\frac{1}{2}$	1454.5454
2.....	$7\frac{1}{4}$	72727	200....	$2909\frac{1}{8}$	2909.0909
3.....	$10\frac{3}{8}$	109091	300....	$4363\frac{3}{8}$	4363.6364

Sp. Gr. .772.			
14.5078 Gallons to 1 Cwt.		290.1554 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	14 $\frac{1}{2}$
2.....	$\frac{1}{4}$	2....	29.....
3.....	$\frac{3}{8}$	3....	43 $\frac{1}{2}$
4.....	$\frac{1}{2}$	4....	58.....
5.....	$\frac{5}{8}$	5....	72 $\frac{1}{2}$
6.....	$\frac{3}{4}$	6....	87.....
7.....	$\frac{7}{8}$	7....	101 $\frac{1}{2}$
8.....	1.....	8....	116.....
9.....	1 $\frac{1}{8}$	9....	130 $\frac{5}{8}$
10.....	1 $\frac{1}{4}$	10....	145 $\frac{1}{4}$
11.....	1 $\frac{3}{8}$	11....	159 $\frac{5}{8}$
12.....	1 $\frac{1}{2}$	12....	174 $\frac{1}{2}$
13.....	1 $\frac{5}{8}$	13....	188 $\frac{5}{8}$
14.....	1 $\frac{7}{8}$	14....	203 $\frac{1}{4}$
15.....	2.....	15....	217 $\frac{5}{8}$
16.....	2 $\frac{1}{4}$	16....	232 $\frac{1}{4}$
17.....	2 $\frac{1}{2}$	17....	246 $\frac{5}{8}$
18.....	2 $\frac{3}{4}$	18....	261 $\frac{1}{2}$
19.....	2 $\frac{1}{2}$	19....	275 $\frac{5}{8}$
20.....	2 $\frac{5}{8}$	20....	290 $\frac{1}{4}$
21.....	2 $\frac{3}{4}$	30....	435 $\frac{1}{4}$
22.....	2 $\frac{7}{8}$	40....	580 $\frac{1}{4}$
23.....	3.....	50....	725 $\frac{3}{8}$
24.....	3 $\frac{1}{8}$	60....	870 $\frac{1}{2}$
25.....	3 $\frac{1}{4}$	70....	1015 $\frac{1}{2}$
26.....	3 $\frac{3}{8}$	80....	1160 $\frac{5}{8}$
27.....	3 $\frac{1}{2}$	90....	1305 $\frac{3}{4}$
Qrs.		100....	1450 $\frac{3}{4}$
1.....	3 $\frac{5}{8}$	200....	2901 $\frac{1}{2}$
2.....	7 $\frac{1}{4}$	300....	4352 $\frac{3}{8}$
3.....	10 $\frac{7}{8}$		

Sp. Gr. .774.

14·4703 Gallons to 1 Cwt.

289·4057 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$14\frac{1}{2}$ 14·4703
2.....	$\frac{1}{4}$	2....	29 28·9406
3.....	$\frac{3}{8}$	3....	$43\frac{3}{8}$ 43·1108
4.....	$\frac{1}{2}$	4....	$57\frac{7}{8}$ 57·8811
5.....	$\frac{5}{8}$	5....	$72\frac{3}{8}$ 72·3514
6.....	$\frac{3}{4}$	6....	$86\frac{7}{8}$ 86·8217
7.....	$\frac{7}{8}$	7....	$101\frac{1}{4}$ 101·2920
8.....	1.....	8....	$115\frac{3}{4}$ 115·7623
9.....	$1\frac{1}{8}$	9....	$130\frac{1}{4}$ 130·2326
10.....	$1\frac{1}{4}$	10....	$144\frac{3}{4}$ 144·7028
11.....	$1\frac{3}{8}$	11....	$159\frac{1}{8}$ 159·1731
12.....	$1\frac{1}{2}$	12....	$173\frac{5}{8}$ 173·6434
13.....	$1\frac{5}{8}$	13....	$188\frac{1}{8}$ 188·1137
14.....	$1\frac{3}{4}$	14....	$202\frac{5}{8}$ 202·5840
15.....	2.....	15....	217 217·0543
16.....	$2\frac{1}{8}$	16....	$231\frac{1}{2}$ 231·5245
17.....	$2\frac{1}{4}$	17....	246 245·9948
18.....	$2\frac{3}{8}$	18....	$260\frac{1}{2}$ 260·4651
19.....	$2\frac{1}{2}$	19....	$274\frac{7}{8}$ 274·9354
20.....	$2\frac{5}{8}$	20....	$289\frac{3}{8}$ 289·4057
21.....	$2\frac{3}{4}$	30....	$434\frac{1}{8}$ 434·1085
22.....	$2\frac{7}{8}$	40....	$578\frac{3}{4}$ 578·8114
23.....	3.....	50....	$723\frac{1}{2}$ 723·5142
24.....	$3\frac{1}{8}$	60....	$868\frac{1}{4}$ 868·2170
25.....	$3\frac{1}{4}$	70....	$1012\frac{7}{8}$ 1012·9199
26.....	$3\frac{3}{8}$	80....	$1157\frac{5}{8}$ 1157·6227
27.....	$3\frac{1}{2}$	90....	$1302\frac{3}{8}$ 1302·3256
Qrs.			
1.....	$3\frac{5}{8}$	100....	1447 1447·0284
2.....	$7\frac{1}{4}$	200....	2894 2894·0568
3.....	$10\frac{7}{8}$	300....	$4341\frac{1}{8}$ 4341·0853

Sp. Gr. .776.			
14.4330 Gallons to 1 Cwt.		288.6598 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$14\frac{3}{8}$ 14.4330
2.....	$\frac{1}{4}$	2....	$28\frac{7}{8}$ 28.8660
3.....	$\frac{3}{8}$	3....	$43\frac{1}{4}$ 43.2990
4.....	$\frac{1}{2}$	4....	$57\frac{3}{4}$ 57.7320
5.....	$\frac{5}{8}$	5....	$72\frac{1}{8}$ 72.1649
6.....	$\frac{3}{4}$	6....	$86\frac{5}{8}$ 86.5979
7.....	$\frac{7}{8}$	7....	101 101.0309
8.....	1.....	8....	$115\frac{1}{2}$ 115.4639
9.....	$1\frac{1}{8}$	9....	$129\frac{7}{8}$ 129.8969
10.....	$1\frac{1}{4}$	10....	$144\frac{3}{8}$ 144.3299
11.....	$1\frac{3}{8}$	11....	$158\frac{3}{4}$ 158.7629
12.....	$1\frac{1}{2}$	12....	$173\frac{1}{4}$ 173.1959
13.....	$1\frac{5}{8}$	13....	$187\frac{5}{8}$ 187.6289
14.....	$1\frac{3}{4}$	14....	202 202.0619
15.....	$1\frac{7}{8}$	15....	$216\frac{1}{2}$ 216.4948
16.....	2.....	16....	$230\frac{7}{8}$ 230.9278
17.....	$2\frac{1}{4}$	17....	$245\frac{3}{8}$ 245.3608
18.....	$2\frac{3}{8}$	18....	$259\frac{3}{4}$ 259.7938
19.....	$2\frac{1}{2}$	19....	$274\frac{1}{4}$ 274.2268
20.....	$2\frac{5}{8}$	20....	$288\frac{5}{8}$ 288.6598
21.....	$2\frac{3}{4}$	20....	433 432.9897
22.....	$2\frac{7}{8}$	40....	$577\frac{3}{8}$ 577.3196
23.....	3.....	50....	$721\frac{5}{8}$ 721.6495
24.....	$3\frac{1}{8}$	60....	866 865.9794
25.....	$3\frac{1}{4}$	70....	$1010\frac{1}{4}$ 1010.3093
26.....	$3\frac{3}{8}$	80....	$1154\frac{5}{8}$ 1154.6392
27.....	$3\frac{1}{2}$	90....	1299 1298.9691
Qrs.			
1.....	$3\frac{5}{8}$	100....	$1443\frac{1}{4}$ 1443.2990
2.....	$7\frac{1}{4}$	200....	$2886\frac{5}{8}$ 2886.5979
3.....	$10\frac{7}{8}$	300....	$4329\frac{7}{8}$ 4329.8969

Sp. Gr. .778.

14·3959 Gallons to 1 Cwt.

287·9177 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$14\frac{3}{8}$ 14·3959
2.....	$\frac{1}{4}$	2....	$28\frac{3}{4}$ 28·7918
3.....	$\frac{3}{8}$	3....	$43\frac{1}{4}$ 43·1877
4.....	$\frac{1}{2}$	4....	$57\frac{5}{8}$ 57·5835
5.....	$\frac{5}{8}$	5....	72 71·9794
6.....	$\frac{3}{4}$	6....	$86\frac{3}{8}$ 86·3753
7.....	$\frac{7}{8}$	7....	$100\frac{3}{4}$ 100·7712
8.....	1.....	8....	$115\frac{1}{8}$ 115·1671
9.....	$1\frac{1}{8}$	9....	$129\frac{5}{8}$ 129·5630
10.....	$1\frac{1}{4}$	10....	141 143·9589
11.....	$1\frac{3}{8}$	11....	$158\frac{3}{8}$ 158·3548
12.....	$1\frac{1}{2}$	12....	$172\frac{3}{4}$ 172·7506
13.....	$1\frac{5}{8}$	13....	$187\frac{1}{8}$ 187·1465
14.....	$1\frac{3}{4}$	14....	$201\frac{1}{2}$ 201·5424
15.....	$1\frac{7}{8}$	15....	216 215·9383
16.....	2.....	16....	$230\frac{3}{8}$ 230·3342
17.....	$2\frac{1}{8}$	17....	$244\frac{3}{4}$ 244·7301
18.....	$2\frac{3}{8}$	18....	$259\frac{1}{8}$ 259·1260
19.....	$2\frac{1}{2}$	19....	$273\frac{1}{2}$ 273·5218
20.....	$2\frac{5}{8}$	20....	$287\frac{7}{8}$ 287·9177
21.....	$2\frac{3}{4}$	30....	$431\frac{7}{8}$ 431·8766
22.....	$2\frac{7}{8}$	40....	$575\frac{7}{8}$ 575·8355
23.....	3.....	50....	$719\frac{3}{4}$ 719·7943
24.....	$3\frac{1}{8}$	60....	$863\frac{3}{4}$ 863·7532
25.....	$3\frac{1}{4}$	70....	$1007\frac{3}{4}$ 1007·7121
26.....	$3\frac{3}{8}$	80....	$1151\frac{5}{8}$ 1151·6709
27.....	$3\frac{1}{2}$	90....	$1295\frac{5}{8}$ 1295·6298
Qrs.			
1.....	$3\frac{5}{8}$	100....	$1439\frac{5}{8}$ 1439·5887
2.....	$7\frac{1}{4}$	200....	$2879\frac{1}{8}$ 2879·1774
3.....	$10\frac{3}{4}$	300....	$4318\frac{3}{4}$ 4318·7661

Sp. Gr. .780.

14·3590 Gallons to 1 Cwt.

287·1795 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$14\frac{3}{8}$ 14·3590
2.....	$\frac{1}{4}$	2....	$28\frac{3}{4}$ 28·7179
3.....	$\frac{3}{8}$	3....	$43\frac{1}{8}$ 43·0769
4.....	$\frac{1}{2}$	4....	$57\frac{3}{8}$ 57·4359
5.....	$\frac{5}{8}$	5....	$71\frac{3}{4}$ 71·7949
6.....	$\frac{3}{4}$	6....	$86\frac{1}{8}$ 86·1538
7.....	$\frac{7}{8}$	7....	$100\frac{1}{2}$ 100·5128
8.....	1.....	8....	$114\frac{7}{8}$ 114·8718
9.....	$1\frac{1}{8}$	9....	$129\frac{1}{4}$ 129·2308
10.....	$1\frac{1}{4}$	10....	$143\frac{5}{8}$ 143·5897
11.....	$1\frac{3}{8}$	11....	158 157·9487
12.....	$1\frac{1}{2}$	12....	$172\frac{1}{4}$ 172·3077
13.....	$1\frac{5}{8}$	13....	$186\frac{5}{8}$ 186·6667
14.....	$1\frac{3}{4}$	14....	201 201·0256
15.....	$1\frac{7}{8}$	15....	$215\frac{3}{8}$ 215·3846
16.....	2.....	16....	$229\frac{3}{4}$ 229·7436
17.....	$2\frac{1}{8}$	17....	$244\frac{1}{8}$ 244·1026
18.....	$2\frac{1}{4}$	18....	$258\frac{1}{2}$ 258·4615
19.....	$2\frac{3}{8}$	19....	$272\frac{7}{8}$ 272·8205
20.....	$2\frac{5}{8}$	20....	$287\frac{1}{8}$ 287·1795
21.....	$2\frac{3}{4}$	21....	$300\frac{3}{4}$ 300·7692
22.....	$2\frac{7}{8}$	22....	$314\frac{7}{8}$ 314·2308
23.....	3.....	23....	$328\frac{1}{4}$ 328·6923
24.....	$3\frac{1}{8}$	24....	$342\frac{1}{2}$ 342·1538
25.....	$3\frac{1}{4}$	25....	$356\frac{3}{8}$ 356·6148
26.....	$3\frac{3}{8}$	26....	$370\frac{5}{8}$ 370·0769
27.....	$3\frac{1}{2}$	27....	$384\frac{3}{4}$ 384·5385
Qrs.			
1.....	$3\frac{5}{8}$	100....	$1435\frac{7}{8}$ 1435·8974
2.....	$7\frac{1}{8}$	200....	$2871\frac{3}{4}$ 2871·7949
3.....	$10\frac{3}{4}$	300....	$4307\frac{1}{4}$ 4307·6923

Sp. Gr. .782.			
14.3222 Gallons to 1 Cwt.		286.4450 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$14\frac{3}{8}$ 14.3222
2.....	$\frac{1}{4}$	2....	$28\frac{5}{8}$ 28.6445
3.....	$\frac{3}{8}$	3....	43 42.9667
4.....	$\frac{1}{2}$	4....	$57\frac{1}{8}$ 57.2890
5.....	$\frac{5}{8}$	5....	$71\frac{5}{8}$ 71.6112
6.....	$\frac{3}{4}$	6....	$85\frac{7}{8}$ 85.9335
7.....	$\frac{7}{8}$	7....	$100\frac{1}{4}$ 100.2557
8.....	1	8....	$114\frac{5}{8}$ 114.5780
9.....	$1\frac{1}{8}$	9....	$128\frac{7}{8}$ 128.9003
10.....	$1\frac{1}{4}$	10....	$143\frac{1}{8}$ 143.2225
11.....	$1\frac{3}{8}$	11....	$157\frac{1}{2}$ 157.5448
12.....	$1\frac{1}{2}$	12....	$171\frac{3}{8}$ 171.8670
13.....	$1\frac{5}{8}$	13....	$186\frac{1}{4}$ 186.1893
14.....	$1\frac{3}{4}$	14....	$200\frac{1}{2}$ 200.5115
15.....	$1\frac{7}{8}$	15....	$214\frac{7}{8}$ 214.8333
16.....	2	16....	$229\frac{1}{8}$ 229.1560
17.....	$2\frac{1}{8}$	17....	$243\frac{1}{2}$ 243.4783
18.....	$2\frac{1}{4}$	18....	$257\frac{3}{4}$ 257.8005
19.....	$2\frac{3}{8}$	19....	$272\frac{1}{8}$ 272.1228
20.....	$2\frac{1}{2}$	20....	$286\frac{1}{2}$ 286.4450
21.....	$2\frac{5}{8}$	30....	$429\frac{5}{8}$ 429.6675
22.....	$2\frac{7}{8}$	40....	$572\frac{7}{8}$ 572.8900
23.....	3	50....	$716\frac{1}{8}$ 716.1125
24.....	$3\frac{1}{8}$	60....	$859\frac{3}{8}$ 859.3350
25.....	$3\frac{1}{4}$	70....	$1002\frac{1}{2}$ 1002.5575
26.....	$3\frac{3}{8}$	80....	$1145\frac{3}{4}$ 1145.7800
27.....	$3\frac{1}{2}$	90....	1289 1289.0026
Qrs.			
1.....	$3\frac{5}{8}$	100....	$1432\frac{1}{4}$ 1432.2251
2.....	$7\frac{1}{8}$	200....	$2864\frac{1}{2}$ 2864.4501
3.....	$10\frac{3}{4}$	300....	$4296\frac{5}{8}$ 4296.6752

Sp. Gr. .784.

14·2857 Gallons to 1 Cwt.

285·7143 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1.....	14 $\frac{1}{4}$ 14·2857
2.....	$\frac{1}{4}$	2.....	28 $\frac{5}{8}$ 28·5714
3.....	$\frac{3}{8}$	3.....	42 $\frac{7}{8}$ 42·8571
4.....	$\frac{1}{2}$	4.....	57 $\frac{1}{8}$ 57·1429
5.....	$\frac{5}{8}$	5.....	71 $\frac{3}{8}$ 71·4286
6.....	$\frac{3}{4}$	6.....	85 $\frac{3}{4}$ 85·7143
7.....	$\frac{7}{8}$	7.....	100..... 100·0000
8.....	1.....	8.....	114 $\frac{1}{4}$ 114·2857
9.....	1 $\frac{1}{8}$	9.....	128 $\frac{5}{8}$ 128·5714
10.....	1 $\frac{1}{4}$	10.....	142 $\frac{7}{8}$ 142·8571
11.....	1 $\frac{3}{8}$	11.....	157 $\frac{1}{8}$ 157·1429
12.....	1 $\frac{1}{2}$	12.....	171 $\frac{3}{8}$ 171·4286
13.....	1 $\frac{5}{8}$	13.....	185 $\frac{3}{4}$ 185·7143
14.....	1 $\frac{3}{4}$	14.....	200..... 200·0000
15.....	1 $\frac{7}{8}$	15.....	214 $\frac{1}{4}$ 214·2857
16.....	2.....	16.....	228 $\frac{5}{8}$ 228·5714
17.....	2 $\frac{1}{8}$	17.....	242 $\frac{7}{8}$ 242·8571
18.....	2 $\frac{1}{4}$	18.....	257 $\frac{1}{8}$ 257·1429
19.....	2 $\frac{3}{8}$	19.....	271 $\frac{3}{8}$ 271·4286
20.....	2 $\frac{1}{2}$	20.....	285 $\frac{3}{4}$ 285·7143
21.....	2 $\frac{5}{8}$	30.....	428 $\frac{5}{8}$ 428·5714
22.....	2 $\frac{3}{4}$	40.....	571 $\frac{3}{8}$ 571·4286
23.....	2 $\frac{7}{8}$	50.....	714 $\frac{1}{4}$ 714·2857
24.....	3.....	60.....	857 $\frac{1}{8}$ 857·1429
25.....	3 $\frac{1}{4}$	70.....	1000..... 1000·0000
26.....	3 $\frac{3}{8}$	80.....	1142 $\frac{7}{8}$ 1142·8571
27.....	3 $\frac{1}{2}$	90.....	1285 $\frac{3}{4}$ 1285·7143
Qrs.		100.....	1428 $\frac{5}{8}$ 1428·5714
1.....	3 $\frac{5}{8}$	200.....	2857 $\frac{1}{8}$ 2857·1429
2.....	7 $\frac{1}{8}$	300.....	4285 $\frac{3}{4}$ 4285·7143
3.....	10 $\frac{3}{4}$		

Sp. Gr. .786.

14·2494 Gallons to 1 Cwt.

284·9873 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$14\frac{1}{4}$
2.....	$\frac{1}{4}$	2....	$28\frac{1}{2}$
3.....	$\frac{3}{8}$	3....	$42\frac{3}{4}$
4.....	$\frac{1}{2}$	4....	57
5.....	$\frac{5}{8}$	5....	$71\frac{1}{4}$
6.....	$\frac{3}{4}$	6....	$85\frac{1}{2}$
7.....	$\frac{7}{8}$	7....	$99\frac{3}{4}$
8.....	1	8....	114
9.....	$1\frac{1}{8}$	9....	$128\frac{1}{4}$
10.....	$1\frac{1}{4}$	10....	$142\frac{1}{2}$
11.....	$1\frac{3}{8}$	11....	$156\frac{3}{4}$
12.....	$1\frac{1}{2}$	12....	171
13.....	$1\frac{5}{8}$	13....	$185\frac{1}{4}$
14.....	$1\frac{3}{4}$	14....	$199\frac{1}{2}$
15.....	$1\frac{7}{8}$	15....	$213\frac{3}{4}$
16.....	2	16....	228
17.....	$2\frac{1}{8}$	17....	$242\frac{1}{4}$
18.....	$2\frac{1}{4}$	18....	$256\frac{1}{2}$
19.....	$2\frac{3}{8}$	19....	$270\frac{3}{4}$
20.....	$2\frac{1}{2}$	20....	285
21.....	$2\frac{5}{8}$	30....	$427\frac{1}{2}$
22.....	$2\frac{3}{4}$	40....	570
23.....	$2\frac{7}{8}$	50....	$712\frac{1}{2}$
24.....	3	60....	855
25.....	$3\frac{1}{8}$	70....	$997\frac{1}{2}$
26.....	$3\frac{1}{4}$	80....	1140
27.....	$3\frac{3}{8}$	90....	$1282\frac{1}{2}$
Qrs.			
1.....	$3\frac{1}{2}$	100....	$1424\frac{7}{8}$
2.....	$7\frac{1}{8}$	200....	$2849\frac{7}{8}$
3.....	$10\frac{5}{8}$	300....	$4274\frac{3}{4}$

Sp. Gr. .788.

14·2132 Gallons to 1 Cwt.

284·2640 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$14\frac{1}{4}$
2.....	$\frac{1}{4}$	2....	$28\frac{3}{8}$
3.....	$\frac{3}{8}$	3....	$42\frac{5}{8}$
4.....	$\frac{1}{2}$	4....	$56\frac{7}{8}$
5.....	$\frac{5}{8}$	5....	$71\frac{1}{8}$
6.....	$\frac{3}{4}$	6....	$85\frac{1}{4}$
7.....	$\frac{7}{8}$	7....	$99\frac{1}{2}$
8.....	1.....	8....	$113\frac{3}{4}$
9.....	$1\frac{1}{8}$	9....	$127\frac{7}{8}$
10.....	$1\frac{1}{4}$	10....	$142\frac{1}{8}$
11.....	$1\frac{3}{8}$	11....	$156\frac{3}{8}$
12.....	$1\frac{1}{2}$	12....	$170\frac{1}{2}$
13.....	$1\frac{5}{8}$	13....	$184\frac{3}{4}$
14.....	$1\frac{3}{4}$	14....	199.....
15.....	$1\frac{7}{8}$	15....	$213\frac{1}{4}$
16.....	2.....	16....	$227\frac{3}{8}$
17.....	$2\frac{1}{8}$	17....	$241\frac{5}{8}$
18.....	$2\frac{1}{4}$	18....	$255\frac{7}{8}$
19.....	$2\frac{3}{8}$	19....	270.....
20.....	$2\frac{1}{2}$	20....	$284\frac{1}{4}$
21.....	$2\frac{5}{8}$	30....	$426\frac{3}{8}$
22.....	$2\frac{3}{4}$	40....	$568\frac{1}{2}$
23.....	$2\frac{7}{8}$	50....	$710\frac{5}{8}$
24.....	3.....	60....	$852\frac{3}{4}$
25.....	$3\frac{1}{8}$	70....	$994\frac{7}{8}$
26.....	$3\frac{1}{4}$	80....	1137.....
27.....	$3\frac{3}{8}$	90....	$1279\frac{1}{2}$
Qrs.		100....	$1421\frac{3}{8}$
1.....	$3\frac{1}{2}$	200....	$2842\frac{5}{8}$
2.....	$7\frac{1}{8}$	300....	4264.....
3.....	$10\frac{3}{8}$		$4263\frac{9}{16}$

Sp. Gr. 790.

14·1772 Gallons to 1 Cwt.

283·5443 Gallons to 1 Ton.

Lbs.	Gallons	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$14\frac{1}{8}$ 14·1772
2.....	$\frac{1}{4}$	2....	$28\frac{3}{8}$ 28·3544
3.....	$\frac{3}{8}$	3....	$42\frac{1}{2}$ 42·5316
4.....	$\frac{1}{2}$	4....	$56\frac{3}{4}$ 56·7089
5.....	$\frac{5}{8}$	5....	$70\frac{7}{8}$ 70·8861
6.....	$\frac{3}{4}$	6....	$85\frac{1}{8}$ 85·0633
7.....	$\frac{7}{8}$	7....	$99\frac{1}{4}$ 99·2405
8.....	1.....	8....	$113\frac{3}{8}$ 113·4177
9.....	$1\frac{1}{8}$	9....	$127\frac{5}{8}$ 127·5949
10.....	$1\frac{1}{4}$	10....	$141\frac{3}{4}$ 141·7721
11.....	$1\frac{3}{8}$	11....	156 155·9494
12.....	$1\frac{1}{2}$	12....	$170\frac{1}{8}$ 170·1266
13.....	$1\frac{5}{8}$	13....	$184\frac{1}{4}$ 184·3038
14.....	$1\frac{3}{4}$	14....	$198\frac{1}{2}$ 198·4810
15.....	$1\frac{7}{8}$	15....	$212\frac{5}{8}$ 212·6582
16.....	2.....	16....	$226\frac{7}{8}$ 226·8354
17.....	$2\frac{1}{8}$	17....	241 241·0127
18.....	$2\frac{1}{4}$	18....	$255\frac{1}{4}$ 255·1899
19.....	$2\frac{3}{8}$	19....	$269\frac{3}{8}$ 269·3671
20.....	$2\frac{1}{2}$	20....	$283\frac{1}{2}$ 283·5443
21.....	$2\frac{5}{8}$	30....	$425\frac{3}{8}$ 425·3165
22.....	$2\frac{3}{4}$	40....	$567\frac{1}{8}$ 567·0886
23.....	$2\frac{7}{8}$	50....	$708\frac{7}{8}$ 708·8608
24.....	3.....	60....	$850\frac{5}{8}$ 850·6329
25.....	$3\frac{1}{8}$	70....	$992\frac{3}{8}$ 992·4051
26.....	$3\frac{1}{4}$	80....	$1134\frac{1}{8}$ 1134·1772
27.....	$3\frac{3}{8}$	90....	1276 1275·9494
Qrs.			
1.....	$3\frac{1}{2}$	100....	$1417\frac{3}{4}$ 1417·7215
2.....	$7\frac{1}{8}$	200....	$2835\frac{1}{2}$ 2835·4430
3.....	$10\frac{5}{8}$	300....	$4253\frac{3}{8}$ 4253·1646

OIL TRADE CALCULATOR

47

Sp. Gr. .792.

14·1414 Gallons to 1 Cwt.

282·8283 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$14\frac{1}{8}$
2.....	$\frac{1}{4}$	2....	$28\frac{1}{4}$
3.....	$\frac{3}{8}$	3....	$42\frac{3}{8}$
4.....	$\frac{1}{2}$	4....	$56\frac{5}{8}$
5.....	$\frac{5}{8}$	5....	$70\frac{3}{4}$
6.....	$\frac{3}{4}$	6....	$84\frac{7}{8}$
7.....	$\frac{7}{8}$	7....	99.....
8.....	1.....	8....	$113\frac{1}{8}$
9.....	$1\frac{1}{8}$	9....	$127\frac{1}{4}$
10.....	$1\frac{1}{4}$	10....	$141\frac{3}{8}$
11.....	$1\frac{3}{8}$	11....	$155\frac{1}{2}$
12.....	$1\frac{1}{2}$	12....	$169\frac{3}{4}$
13.....	$1\frac{5}{8}$	13....	$183\frac{7}{8}$
14.....	$1\frac{3}{4}$	14....	198.....
15.....	$1\frac{7}{8}$	15....	$212\frac{1}{8}$
16.....	2.....	16....	$226\frac{1}{4}$
17.....	$2\frac{1}{8}$	17....	$240\frac{3}{8}$
18.....	$2\frac{1}{4}$	18....	$254\frac{1}{2}$
19.....	$2\frac{3}{8}$	19....	$268\frac{5}{8}$
20.....	$2\frac{1}{2}$	20....	$282\frac{7}{8}$
21.....	$2\frac{5}{8}$	30....	$424\frac{1}{4}$
22.....	$2\frac{3}{4}$	40....	$565\frac{5}{8}$
23.....	$2\frac{7}{8}$	50....	$707\frac{1}{8}$
24.....	3.....	60....	$848\frac{1}{2}$
25.....	$3\frac{1}{8}$	70....	$989\frac{7}{8}$
26.....	$3\frac{1}{4}$	80....	$1131\frac{3}{8}$
27.....	$3\frac{3}{8}$	90....	$1272\frac{3}{4}$
Qrs.			
1.....	$3\frac{1}{2}$	100....	$1414\frac{1}{8}$
2.....	$7\frac{1}{8}$	200....	$2828\frac{1}{4}$
3.....	$10\frac{5}{8}$	300....	$4242\frac{3}{8}$

Sp. Gr. .794.					
14.1058 Gallons to 1 Cwt.			282.1159 Gallons to 1 Ton.		
Lbs.		Gallons.	Cwts.	Gallons.	
1.....	$\frac{1}{8}$	1259	1....	$14\frac{1}{8}$	14.1058
2.....	$\frac{1}{4}$	2519	2....	$28\frac{1}{4}$	28.2116
3.....	$\frac{3}{8}$	3778	3....	$42\frac{3}{8}$	42.3174
4.....	$\frac{1}{2}$	5038	4....	$56\frac{3}{8}$	56.4232
5.....	$\frac{5}{8}$	6297	5....	$70\frac{1}{2}$	70.5290
6.....	$\frac{3}{4}$	7557	6....	$84\frac{5}{8}$	84.6348
7.....	$\frac{7}{8}$	8816	7....	$98\frac{3}{4}$	98.7405
8.....	1.....	10076	8....	$112\frac{7}{8}$	112.8463
9.....	$1\frac{1}{8}$	1.1335	9....	127....	126.9521
10.....	$1\frac{1}{4}$	1.2591	10....	141....	141.0579
11.....	$1\frac{3}{8}$	1.3851	11....	$155\frac{1}{8}$	155.1637
12.....	$1\frac{1}{2}$	1.5113	12....	$169\frac{1}{4}$	169.2695
13.....	$1\frac{5}{8}$	1.6373	13....	$183\frac{3}{8}$	183.3753
14.....	$1\frac{3}{4}$	1.7632	14....	$197\frac{1}{2}$	197.4811
15.....	$1\frac{7}{8}$	1.8892	15....	$211\frac{5}{8}$	211.5869
16.....	2.....	2.0151	16....	$225\frac{3}{4}$	225.6927
17.....	$2\frac{1}{8}$	2.1411	17....	$239\frac{3}{4}$	239.7985
18.....	$2\frac{1}{4}$	2.2670	18....	$253\frac{7}{8}$	253.9043
19.....	$2\frac{3}{8}$	2.3929	19....	268....	268.0101
20.....	$2\frac{1}{2}$	2.5189	20....	$282\frac{1}{8}$	282.1159
21.....	$2\frac{5}{8}$	2.6448	30....	$423\frac{1}{8}$	423.1738
22.....	$2\frac{3}{4}$	2.7708	40....	$564\frac{1}{4}$	564.2317
23.....	$2\frac{7}{8}$	2.8967	50....	$705\frac{1}{4}$	705.2897
24.....	3.....	3.0227	60....	$846\frac{3}{8}$	846.3476
25.....	$3\frac{1}{8}$	3.1486	70....	$987\frac{3}{8}$	987.4055
26.....	$3\frac{1}{4}$	3.2746	80....	$1128\frac{1}{2}$	1128.4635
27.....	$3\frac{3}{8}$	3.4005	90....	$1269\frac{1}{2}$	1269.5214
Qrs.					
1.....	$3\frac{1}{2}$	3.5264	100....	$1410\frac{5}{8}$	1410.5793
2.....	7.....	7.0529	200....	$2821\frac{1}{8}$	2821.1587
3.....	$10\frac{5}{8}$	10.5793	300....	$4231\frac{3}{4}$	4231.7380

Sp. Gr. .796.					
14.0703 Gallons to 1 Cwt.		281.4070 Gallons to 1 Ton.			
Lbs.	Gallons.	Cwts.	Gallons.		
1.....	$\frac{1}{8}$	1256	1....	$14\frac{1}{8}$	14.0703
2.....	$\frac{1}{4}$	2513	2...	$28\frac{1}{8}$	28.1407
3.....	$\frac{3}{8}$	3769	3....	$42\frac{1}{8}$	42.2110
4.....	$\frac{1}{2}$	5025	4....	$56\frac{1}{8}$	56.2814
5.....	$\frac{5}{8}$	6281	5....	$70\frac{3}{8}$	70.3518
6.....	$\frac{3}{4}$	7538	6....	$84\frac{3}{8}$	84.4221
7.....	$\frac{7}{8}$	8794	7....	$98\frac{1}{2}$	98.4925
8.....	1.....	10050	8....	$112\frac{5}{8}$	112.5628
9.....	$1\frac{1}{8}$	11306	9....	$126\frac{5}{8}$	126.6332
10.....	$1\frac{1}{4}$	12563	10....	$140\frac{3}{4}$	140.7035
11.....	$1\frac{3}{8}$	13819	11....	$154\frac{3}{4}$	154.7739
12.....	$1\frac{1}{2}$	15075	12....	$168\frac{7}{8}$	168.8442
13.....	$1\frac{5}{8}$	16332	13....	$182\frac{7}{8}$	182.9146
14.....	$1\frac{3}{4}$	17588	14....	197.....	196.9849
15.....	$1\frac{7}{8}$	18844	15....	211.....	211.0553
16.....	2.....	20100	16....	$225\frac{1}{8}$	225.1256
17.....	$2\frac{1}{8}$	21357	17....	$239\frac{1}{4}$	239.1960
18.....	$2\frac{1}{4}$	22613	18....	$253\frac{1}{4}$	253.2663
19.....	$2\frac{3}{8}$	23869	19....	$267\frac{3}{8}$	267.3367
20.....	$2\frac{1}{2}$	25126	20....	$281\frac{3}{8}$	281.4070
21.....	$2\frac{5}{8}$	26382	30....	$422\frac{1}{8}$	422.1105
22.....	$2\frac{3}{4}$	27638	40....	$562\frac{7}{8}$	562.8141
23.....	$2\frac{7}{8}$	28894	50....	$703\frac{1}{2}$	703.5176
24.....	3.....	30151	60....	$844\frac{1}{4}$	844.2211
25.....	$3\frac{1}{8}$	31407	70....	$984\frac{7}{8}$	984.9246
26.....	$3\frac{1}{4}$	32663	80....	$1125\frac{5}{8}$	1125.6281
27.....	$3\frac{3}{8}$	33920	90....	$1266\frac{3}{8}$	1266.3317
Qrs.					
1.....	$3\frac{1}{2}$	35176	100....	1407.....	1407.0352
2.....	7.....	70352	200....	$2814\frac{1}{8}$	2814.0703
3.....	$10\frac{1}{2}$	105528	300....	$4221\frac{1}{8}$	4221.1055

Sp. Gr. .798.

14·0351 Gallons to 1 Cwt.

280·7017 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	14..... 14·0351
2.....	$\frac{1}{4}$	2....	$28\frac{1}{8}$ 28·0702
3.....	$\frac{3}{8}$	3....	$42\frac{1}{8}$ 42·1053
4.....	$\frac{1}{2}$	4....	$56\frac{1}{8}$ 56·1403
5.....	$\frac{5}{8}$	5....	$70\frac{1}{8}$ 70·1754
6.....	$\frac{3}{4}$	6....	$84\frac{1}{4}$ 84·2105
7.....	$\frac{7}{8}$	7....	$98\frac{1}{4}$ 98·2456
8.....	1.....	8....	$112\frac{1}{4}$ 112·2807
9.....	$1\frac{1}{8}$	9....	$126\frac{3}{8}$ 126·3158
10.....	$1\frac{1}{4}$	10....	$140\frac{3}{8}$ 140·3509
11.....	$1\frac{3}{8}$	11....	$154\frac{3}{8}$ 154·3860
12.....	$1\frac{1}{2}$	12....	$168\frac{3}{8}$ 168·4210
13.....	$1\frac{5}{8}$	13....	$182\frac{1}{2}$ 182·4561
14.....	$1\frac{3}{4}$	14....	$196\frac{1}{2}$ 196·4912
15.....	$1\frac{7}{8}$	15....	$210\frac{1}{2}$ 210·5263
16.....	2.....	16....	$224\frac{1}{2}$ 224·5614
17.....	$2\frac{1}{8}$	17....	$238\frac{5}{8}$ 238·5965
18.....	$2\frac{1}{4}$	18....	$252\frac{5}{8}$ 252·6316
19.....	$2\frac{3}{8}$	19....	$266\frac{5}{8}$ 266·6667
20.....	$2\frac{1}{2}$	20....	$280\frac{3}{4}$ 280·7017
21.....	$2\frac{5}{8}$	30....	421..... 421·0526
22.....	$2\frac{3}{4}$	40....	$561\frac{3}{8}$ 561·4035
23.....	$2\frac{7}{8}$	50....	$701\frac{3}{4}$ 701·7544
24.....	3.....	60....	$842\frac{1}{8}$ 842·1053
25.....	$3\frac{1}{8}$	70....	$982\frac{1}{2}$ 982·4561
26.....	$3\frac{1}{4}$	80....	$1122\frac{3}{4}$ 1122·8070
27.....	$3\frac{3}{8}$	90....	$1263\frac{1}{8}$ 1263·1579
Qrs.		100....	$1403\frac{1}{2}$ 1403·5088
1.....	$3\frac{1}{2}$	200....	2807..... 2807·0175
2.....	7.....	300....	$4210\frac{1}{2}$ 4210·5263
3.....	$10\frac{1}{2}$		

Sp. Gr. .800.

14 Gallons to 1 Cwt.

280 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	14..... 14'0000
2.....	$\frac{1}{4}$	2....	28..... 28'0000
3.....	$\frac{3}{8}$	3....	42..... 42'0000
4.....	$\frac{1}{2}$	4....	56..... 56'0000
5.....	$\frac{5}{8}$	5....	70..... 70'0000
6.....	$\frac{3}{4}$	6....	84..... 84'0000
7.....	$\frac{7}{8}$	7....	98..... 98'0000
8.....	1.....	8....	112..... 112'0000
9.....	$1\frac{1}{8}$	9....	126..... 126'0000
10.....	$1\frac{1}{4}$	10....	140..... 140'0000
11.....	$1\frac{3}{8}$	11....	154..... 154'0000
12.....	$1\frac{1}{2}$	12....	168..... 168'0000
13.....	$1\frac{5}{8}$	13....	182..... 182'0000
14.....	$1\frac{3}{4}$	14....	196..... 196'0000
15.....	$1\frac{7}{8}$	15....	210..... 210'0000
16.....	2.....	16....	224..... 224'0000
17.....	$2\frac{1}{8}$	17....	238..... 238'0000
18.....	$2\frac{1}{4}$	18....	252..... 252'0000
19.....	$2\frac{3}{8}$	19....	266..... 266'0000
20.....	$2\frac{1}{2}$	20....	280..... 280'0000
21.....	$2\frac{5}{8}$	30....	420..... 420'0000
22.....	$2\frac{3}{4}$	40....	560..... 560'0000
23.....	$2\frac{7}{8}$	50....	700..... 700'0000
24.....	3.....	60....	840..... 840'0000
25.....	$3\frac{1}{8}$	70....	980..... 980'0000
26.....	$3\frac{1}{4}$	80....	1120..... 1120'0000
27.....	$3\frac{3}{8}$	90....	1260..... 1260'0000
Qrs.			
1.....	$3\frac{1}{2}$	100....	1400..... 1400'0000
2.....	7.....	200....	2800..... 2800'0000
3.....	$10\frac{1}{2}$	300....	4200..... 4200'0000

Sp. Gr. .804.

13·9303 Gallons to 1 Cwt.

278·6070 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	13 $\frac{7}{8}$ 13·9303
2.....	$\frac{1}{4}$	2....	27 $\frac{7}{8}$ 27·8607
3.....	$\frac{3}{8}$	3....	41 $\frac{1}{4}$ 41·7910
4.....	$\frac{1}{2}$	4....	55 $\frac{1}{4}$ 55·7214
5.....	$\frac{5}{8}$	5....	69 $\frac{5}{8}$ 69·6517
6.....	$\frac{3}{4}$	6....	83 $\frac{5}{8}$ 83·5821
7.....	$\frac{7}{8}$	7....	97 $\frac{1}{2}$ 97·5124
8.....	1.....	8....	111 $\frac{1}{2}$ 111·4128
9.....	1 $\frac{1}{8}$	9....	125 $\frac{3}{8}$ 125·3731
10.....	1 $\frac{1}{4}$	10....	139 $\frac{1}{4}$ 139·3035
11.....	1 $\frac{3}{8}$	11....	153 $\frac{1}{4}$ 153·2338
12.....	1 $\frac{1}{2}$	12....	167 $\frac{1}{8}$ 167·1642
13.....	1 $\frac{5}{8}$	13....	181 $\frac{1}{8}$ 181·0945
14.....	1 $\frac{3}{4}$	14....	195..... 195·0249
15.....	1 $\frac{7}{8}$	15....	209..... 208·9552
16.....	2.....	16....	222 $\frac{7}{8}$ 222·8856
17.....	2 $\frac{1}{8}$	17....	236 $\frac{7}{8}$ 236·8159
18.....	2 $\frac{1}{4}$	18....	250 $\frac{3}{4}$ 250·7463
19.....	2 $\frac{1}{2}$	19....	264 $\frac{5}{8}$ 264·6766
20.....	2 $\frac{5}{8}$	20....	278 $\frac{5}{8}$ 278·6070
21.....	2 $\frac{3}{4}$	30....	417 $\frac{7}{8}$ 417·9101
22.....	2 $\frac{7}{8}$	40....	557 $\frac{1}{4}$ 557·2139
23.....	3.....	50....	696 $\frac{1}{2}$ 696·5174
24.....	3 $\frac{1}{8}$	60....	835 $\frac{7}{8}$ 835·8209
25.....	3 $\frac{1}{4}$	70....	975 $\frac{1}{8}$ 975·1214
26.....	3 $\frac{1}{2}$	80....	1114 $\frac{3}{8}$ 1114·4279
27.....	3 $\frac{3}{4}$	90....	1253 $\frac{3}{4}$ 1253·7313
Qrs.			
1.....	3 $\frac{1}{2}$	100....	1393..... 1393·0348
2.....	7.....	200....	2786 $\frac{1}{8}$ 2786·0696
3.....	10 $\frac{1}{2}$	300....	4179 $\frac{1}{8}$ 4179·1045

Sp. Gr. '806.

13·8958 Gallons to 1 Cwt.

277·9156 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$13\frac{7}{8}$ 13·8958
2.....	$\frac{1}{4}$	2....	$27\frac{3}{4}$ 27·7916
3.....	$\frac{3}{8}$	3....	$41\frac{5}{8}$ 41·6873
4.....	$\frac{1}{2}$	4....	$55\frac{5}{8}$ 55·5831
5.....	$\frac{5}{8}$	5....	$69\frac{1}{2}$ 69·4789
6.....	$\frac{3}{4}$	6....	$83\frac{3}{8}$ 83·3747
7.....	$\frac{7}{8}$	7....	$97\frac{1}{4}$ 97·2705
8.....	1.....	8....	$111\frac{1}{8}$ 111·1662
9.....	$1\frac{1}{8}$	9....	125 125·0620
10.....	$1\frac{1}{4}$	10....	139 138·9578
11.....	$1\frac{3}{8}$	11....	$152\frac{7}{8}$ 152·8536
12.....	$1\frac{1}{2}$	12....	$166\frac{3}{4}$ 166·7494
13.....	$1\frac{5}{8}$	13....	$180\frac{5}{8}$ 180·6452
14.....	$1\frac{3}{4}$	14....	$194\frac{1}{2}$ 194·5409
15.....	$1\frac{7}{8}$	15....	$208\frac{3}{8}$ 208·4367
16.....	2.....	16....	$222\frac{3}{8}$ 222·3325
17.....	$2\frac{1}{8}$	17....	$236\frac{1}{4}$ 236·2283
18.....	$2\frac{1}{4}$	18....	$250\frac{1}{8}$ 250·1241
19.....	$2\frac{3}{8}$	19....	264 264·0198
20.....	$2\frac{1}{2}$	20....	$277\frac{7}{8}$ 277·9156
21.....	$2\frac{5}{8}$	30....	$416\frac{7}{8}$ 416·8734
22.....	$2\frac{3}{4}$	40....	$555\frac{7}{8}$ 555·8313
23.....	$2\frac{7}{8}$	50....	$694\frac{3}{4}$ 694·7891
24.....	3.....	60....	$833\frac{3}{4}$ 833·7469
25.....	$3\frac{1}{8}$	70....	$972\frac{3}{4}$ 972·7047
26.....	$3\frac{1}{4}$	80....	$1111\frac{5}{8}$ 1111·6625
27.....	$3\frac{3}{8}$	90....	$1250\frac{5}{8}$ 1250·6203
Qrs.			
1.....	$3\frac{1}{2}$	100....	$1389\frac{5}{8}$ 1389·5782
2.....	7.....	200....	$2779\frac{1}{8}$ 2779·1563
3.....	$10\frac{3}{8}$	300....	$4168\frac{3}{4}$ 4168·7345

Sp. Gr. .808.

13·8614 Gallons to 1 Cwt.

277·2277 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$13\frac{7}{8}$ 13·8614
2.....	$\frac{1}{4}$	2....	$27\frac{3}{4}$ 27·7228
3.....	$\frac{3}{8}$	3....	$41\frac{5}{8}$ 41·5842
4.....	$\frac{1}{2}$	4....	$55\frac{1}{2}$ 55·4455
5.....	$\frac{5}{8}$	5....	$69\frac{1}{4}$ 69·3069
6.....	$\frac{3}{4}$	6....	$83\frac{1}{8}$ 83·1683
7.....	$\frac{7}{8}$	7....	97 97·0297
8.....	1	8....	$110\frac{7}{8}$ 110·8911
9.....	$1\frac{1}{8}$	9....	$124\frac{3}{4}$ 124·7525
10.....	$1\frac{1}{4}$	10....	$138\frac{5}{8}$ 138·6139
11.....	$1\frac{3}{8}$	11....	$152\frac{1}{2}$ 152·4752
12.....	$1\frac{1}{2}$	12....	$166\frac{3}{4}$ 166·3366
13.....	$1\frac{5}{8}$	13....	$180\frac{1}{4}$ 180·1980
14.....	$1\frac{3}{4}$	14....	194 194·0594
15.....	$1\frac{7}{8}$	15....	$207\frac{7}{8}$ 207·9208
16.....	2	16....	$221\frac{3}{4}$ 221·7822
17.....	$2\frac{1}{8}$	17....	$235\frac{5}{8}$ 235·6436
18.....	$2\frac{1}{4}$	18....	$249\frac{1}{2}$ 249·5049
19.....	$2\frac{3}{8}$	19....	$263\frac{3}{8}$ 263·3663
20.....	$2\frac{1}{2}$	20....	$277\frac{1}{4}$ 277·2277
21.....	$2\frac{5}{8}$	30....	$415\frac{7}{8}$ 415·8415
22.....	$2\frac{3}{4}$	40....	$554\frac{1}{2}$ 554·4554
23.....	$2\frac{7}{8}$	50....	$693\frac{1}{8}$ 693·0693
24.....	3	60....	$831\frac{5}{8}$ 831·6832
25.....	$3\frac{1}{8}$	70....	$970\frac{1}{4}$ 970·2970
26.....	$3\frac{1}{4}$	80....	$1108\frac{7}{8}$ 1108·9109
27.....	$3\frac{3}{8}$	90....	$1247\frac{1}{2}$ 1247·5247
Qrs.			
1.....	$3\frac{1}{2}$	100....	$1386\frac{1}{8}$ 1386·1386
2.....	$6\frac{1}{4}$	200....	$2772\frac{1}{4}$ 2772·2772
3.....	$10\frac{3}{8}$	300....	$4158\frac{3}{8}$ 4158·4158

Sp. Gr. .810.			
13·8272 Gallons to 1 Cwt.		276·5432 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$13\frac{7}{8}$ 13·8272
2.....	$\frac{1}{4}$	2....	$27\frac{5}{8}$ 27·6543
3.....	$\frac{3}{8}$	3....	$41\frac{1}{2}$ 41·4815
4.....	$\frac{1}{2}$	4....	$55\frac{1}{4}$ 55·3086
5.....	$\frac{5}{8}$	5....	$69\frac{1}{8}$ 69·1358
6.....	$\frac{3}{4}$	6....	83..... 82·9630
7.....	$\frac{7}{8}$	7....	$96\frac{3}{4}$ 96·7901
8.....	1.....	8....	$110\frac{5}{8}$ 110·6173
9.....	$1\frac{1}{8}$	9....	$124\frac{1}{2}$ 124·4444
10.....	$1\frac{1}{4}$	10....	$138\frac{1}{4}$ 138·2716
11.....	$1\frac{3}{8}$	11....	$152\frac{1}{8}$ 152·0988
12.....	$1\frac{1}{2}$	12....	$165\frac{7}{8}$ 165·9259
13.....	$1\frac{5}{8}$	13....	$179\frac{3}{4}$ 179·7531
14.....	$1\frac{3}{4}$	14....	$193\frac{5}{8}$ 193·5802
15.....	$1\frac{7}{8}$	15....	$207\frac{3}{8}$ 207·4074
16.....	2.....	16....	$221\frac{1}{4}$ 221·2346
17.....	$2\frac{1}{8}$	17....	235..... 235·0617
18.....	$2\frac{1}{4}$	18....	$248\frac{7}{8}$ 248·8889
19.....	$2\frac{3}{8}$	19....	$262\frac{3}{4}$ 262·7160
20.....	$2\frac{1}{2}$	20....	$276\frac{1}{2}$ 276·5432
21.....	$2\frac{5}{8}$	30....	$414\frac{7}{8}$ 414·8148
22.....	$2\frac{3}{4}$	40....	$553\frac{1}{8}$ 553·0864
23.....	$2\frac{7}{8}$	50....	$691\frac{3}{8}$ 691·3580
24.....	3.....	60....	$829\frac{5}{8}$ 829·6296
25.....	$3\frac{1}{4}$	70....	$967\frac{7}{8}$ 967·9012
26.....	$3\frac{1}{2}$	80....	$1106\frac{1}{8}$ 1106·1728
27.....	$3\frac{3}{8}$	90....	$1244\frac{1}{2}$ 1244·4444
Qrs.		100....	$1382\frac{3}{4}$ 1382·7160
1.....	$3\frac{1}{2}$	200....	$2765\frac{3}{8}$ 2765·4321
2.....	$6\frac{1}{4}$	300....	$4148\frac{1}{8}$ 4148·1481
3.....	$10\frac{3}{8}$		

Sp. Gr. .812.					
13.7931 Gallons to 1 Cwt.			275.8621 Gallons to 1 Ton.		
Lbs.	Gallons.		Cwts.	Gallons.	
1.....	$\frac{1}{8}$	1231	1....	$13\frac{3}{4}$	13.7931
2.....	$\frac{1}{4}$	2463	2....	$27\frac{5}{8}$	27.5862
3.....	$\frac{3}{8}$	3695	3....	$41\frac{3}{8}$	41.3793
4.....	$\frac{1}{2}$	4926	4....	$55\frac{1}{8}$	55.1724
5.....	$\frac{5}{8}$	6158	5....	69.....	68.9655
6.....	$\frac{3}{4}$	7389	6....	$82\frac{3}{4}$	82.7586
7.....	$\frac{7}{8}$	8621	7....	$96\frac{1}{2}$	96.5517
8.....	1.....	9852	8....	$110\frac{3}{8}$	110.3448
9.....	$1\frac{1}{8}$	1.1084	9....	$124\frac{1}{8}$	124.1379
10.....	$1\frac{1}{4}$	1.2315	10....	$137\frac{7}{8}$	137.9310
11.....	$1\frac{3}{8}$	1.3547	11....	$151\frac{3}{4}$	151.7241
12.....	$1\frac{1}{2}$	1.4778	12....	$165\frac{1}{2}$	165.5172
13.....	$1\frac{5}{8}$	1.6010	13....	$179\frac{1}{4}$	179.3103
14.....	$1\frac{3}{4}$	1.7241	14....	$193\frac{1}{8}$	193.1034
15.....	$1\frac{7}{8}$	1.8473	15....	$206\frac{7}{8}$	206.8965
16.....	2.....	1.9704	16....	$220\frac{3}{4}$	220.6896
17.....	$2\frac{1}{8}$	2.0936	17....	$234\frac{1}{2}$	234.4828
18.....	$2\frac{1}{4}$	2.2167	18....	$248\frac{1}{4}$	248.2759
19.....	$2\frac{3}{8}$	2.3399	19....	$262\frac{1}{8}$	262.0690
20.....	$2\frac{1}{2}$	2.4630	20....	$275\frac{7}{8}$	275.8621
21.....	$2\frac{5}{8}$	2.5862	30....	$413\frac{3}{4}$	413.7931
22.....	$2\frac{3}{4}$	2.7094	40....	$551\frac{3}{4}$	551.7241
23.....	$2\frac{7}{8}$	2.8325	50....	$689\frac{5}{8}$	689.6552
24.....	3.....	2.9557	60....	$827\frac{5}{8}$	827.5862
25.....	$3\frac{1}{8}$	3.0788	70....	$965\frac{1}{2}$	965.5172
26.....	$3\frac{1}{4}$	3.2020	80....	$1103\frac{1}{2}$	1103.4483
27.....	$3\frac{3}{8}$	3.3251	90....	$1241\frac{3}{8}$	1241.3793
Qrs.			100....	$1379\frac{1}{4}$	1379.3103
1.....	$3\frac{1}{2}$	3.4483	200....	$2758\frac{5}{8}$	2758.6207
2.....	$6\frac{7}{8}$	6.8965	300....	$4137\frac{7}{8}$	4137.9310
3.....	$10\frac{3}{8}$	10.3448			

Sp. Gr. .814.			
13.7592 Gallons to 1 Cwt.		275.1843 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$13\frac{3}{4}$ 13.7592
2.....	$\frac{1}{4}$	2....	$27\frac{1}{2}$ 27.5184
3.....	$\frac{3}{8}$	3....	$41\frac{1}{4}$ 41.2776
4.....	$\frac{1}{2}$	4....	55 . . . 55.0368
5.....	$\frac{5}{8}$	5....	$68\frac{3}{4}$ 68.7961
6.....	$\frac{3}{4}$	6....	$82\frac{1}{2}$ 82.5553
7.....	$\frac{7}{8}$	7....	$96\frac{3}{8}$ 96.3145
8.....	1	8....	$110\frac{1}{8}$. . . 110.0737
9.....	$1\frac{1}{8}$	9....	$123\frac{7}{8}$ 123.8329
10.....	$1\frac{1}{4}$	10....	$137\frac{5}{8}$ 137.5921
11.....	$1\frac{3}{8}$	11....	$151\frac{3}{8}$ 151.3513
12.....	$1\frac{1}{2}$	12....	$165\frac{1}{8}$ 165.1106
13.....	$1\frac{5}{8}$	13....	$178\frac{7}{8}$ 178.8698
14.....	$1\frac{3}{4}$	14....	$192\frac{5}{8}$ 192.6290
15.....	$1\frac{7}{8}$	15....	$206\frac{3}{8}$ 206.3882
16.....	2	16....	$220\frac{1}{8}$ 220.1474
17.....	$2\frac{1}{8}$	17....	$233\frac{7}{8}$ 233.9066
18.....	$2\frac{1}{4}$	18....	$247\frac{5}{8}$ 247.6658
19.....	$2\frac{3}{8}$	19....	$261\frac{3}{8}$ 261.4251
20.....	$2\frac{1}{2}$	20....	$275\frac{1}{8}$ 275.1843
21.....	$2\frac{5}{8}$	20....	$412\frac{3}{4}$ 412.7764
22.....	$2\frac{3}{4}$	40....	$550\frac{3}{8}$ 550.3685
23.....	$2\frac{7}{8}$	50....	688 . . . 687.9607
24.....	3	60....	$825\frac{1}{2}$ 825.5528
25.....	$3\frac{1}{8}$	70....	$963\frac{1}{8}$ 963.1450
26.....	$3\frac{1}{4}$	80....	$1100\frac{3}{4}$ 1100.7371
27.....	$3\frac{3}{8}$	90....	$1238\frac{3}{8}$ 1238.3292
Qrs.			
1.....	$3\frac{1}{2}$	100....	$1375\frac{7}{8}$ 1375.9214
2.....	$6\frac{1}{2}$	200....	$2751\frac{7}{8}$ 2751.8427
3.....	$10\frac{3}{8}$	300....	$4127\frac{3}{4}$ 4127.7641

Sp. Gr. .816.			
13·7255 Gallons to 1 Cwt.		274·5098 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$13\frac{3}{4}$ 13·7255
2.....	$\frac{1}{4}$	2....	$27\frac{1}{2}$ 27·4510
3.....	$\frac{3}{8}$	3....	$41\frac{1}{8}$ 41·1765
4.....	$\frac{1}{2}$	4....	$51\frac{7}{8}$ 51·9020
5.....	$\frac{5}{8}$	5....	$68\frac{5}{8}$ 68·6274
6.....	$\frac{3}{4}$	6....	$82\frac{3}{4}$ 82·3529
7.....	$\frac{7}{8}$	7....	$96\frac{1}{8}$ 96·0784
8.....	1.....	8....	$109\frac{3}{4}$ 109·8039
9.....	$1\frac{1}{8}$	9....	$123\frac{1}{2}$ 123·5294
10.....	$1\frac{1}{4}$	10....	$137\frac{1}{4}$ 137·2549
11.....	$1\frac{3}{8}$	11....	151..... 150·9804
12.....	$1\frac{1}{2}$	12....	$164\frac{3}{4}$ 164·7059
13.....	$1\frac{5}{8}$	13....	$178\frac{3}{8}$ 178·4314
14.....	$1\frac{3}{4}$	14....	$192\frac{1}{4}$ 192·1569
15.....	$1\frac{7}{8}$	15....	$205\frac{7}{8}$ 205·8823
16.....	2.....	16....	$219\frac{5}{8}$ 219·6078
17.....	$2\frac{1}{8}$	17....	$233\frac{3}{8}$ 233·3333
18.....	$2\frac{1}{4}$	18....	247..... 247·0588
19.....	$2\frac{3}{8}$	19....	$260\frac{3}{4}$ 260·7843
20.....	$2\frac{1}{2}$	20....	$274\frac{1}{2}$ 274·5098
21.....	$2\frac{5}{8}$	30....	$411\frac{3}{4}$ 411·7647
22.....	$2\frac{3}{4}$	40....	519..... 549·0196
23.....	$2\frac{7}{8}$	50....	$686\frac{1}{4}$ 686·2745
24.....	3.....	60....	$823\frac{1}{2}$ 823·5294
25.....	$3\frac{1}{8}$	70....	$960\frac{3}{4}$ 960·7843
26.....	$3\frac{1}{4}$	80....	1098..... 1098·0392
27.....	$3\frac{3}{8}$	90....	$1235\frac{1}{4}$ 1235·2941
Qrs.		100....	$1372\frac{1}{2}$ 1372·5490
1.....	$3\frac{3}{8}$	200....	$2745\frac{1}{8}$ 2745·0980
2.....	$6\frac{7}{8}$	300....	$4117\frac{5}{8}$ 4117·6470
3.....	$10\frac{1}{4}$		

Sp. Gr. '818.

13·6919 Gallons to 1 Cwt.

273·8386 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1	$\frac{1}{8}$	1	$13\frac{3}{4}$
2	$\frac{1}{4}$	2	$27\frac{3}{8}$
3	$\frac{3}{8}$	3	$41\frac{1}{8}$
4	$\frac{1}{2}$	4	$54\frac{3}{4}$
5	$\frac{5}{8}$	5	$68\frac{1}{2}$
6	$\frac{3}{4}$	6	$82\frac{1}{8}$
7	$\frac{7}{8}$	7	$95\frac{7}{8}$
8	1	8	$109\frac{1}{2}$
9	$1\frac{1}{8}$	9	$123\frac{1}{4}$
10	$1\frac{1}{4}$	10	$136\frac{7}{8}$
11	$1\frac{3}{8}$	11	$150\frac{5}{8}$
12	$1\frac{1}{2}$	12	$164\frac{1}{4}$
13	$1\frac{5}{8}$	13	178
14	$1\frac{3}{4}$	14	$191\frac{5}{8}$
15	$1\frac{7}{8}$	15	$205\frac{3}{8}$
16	2	16	$219\frac{1}{8}$
17	$2\frac{1}{8}$	17	$232\frac{3}{4}$
18	$2\frac{1}{4}$	18	$246\frac{1}{2}$
19	$2\frac{3}{8}$	19	$260\frac{1}{8}$
20	$2\frac{1}{2}$	20	$273\frac{7}{8}$
21	$2\frac{5}{8}$	30	$410\frac{3}{4}$
22	$2\frac{3}{4}$	40	$547\frac{5}{8}$
23	$2\frac{7}{8}$	50	$684\frac{5}{8}$
24	$2\frac{7}{8}$	60	$821\frac{1}{2}$
25	3	70	$958\frac{3}{8}$
26	$3\frac{1}{8}$	80	$1095\frac{3}{8}$
27	$3\frac{1}{4}$	90	$1232\frac{1}{4}$
Qrs.			
1	$3\frac{3}{8}$	100	$1369\frac{1}{4}$
2	$6\frac{7}{8}$	200	$2738\frac{3}{8}$
3	$10\frac{1}{4}$	300	$4107\frac{5}{8}$

OIL TRADE CALCULATOR

61

Sp. Gr. .820.			
13·6585 Gallons to 1 Cwt.		273·1707 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1219	
2.....	$\frac{1}{4}$	2439	
3.....	$\frac{3}{8}$	3658	
4.....	$\frac{1}{2}$	4878	
5.....	$\frac{5}{8}$	6098	
6.....	$\frac{3}{4}$	7317	
7.....	$\frac{7}{8}$	8537	
8.....	1.....	9756	
9.....	$1\frac{1}{8}$	10976	
10.....	$1\frac{1}{4}$	12195	
11.....	$1\frac{3}{8}$	13415	
12.....	$1\frac{1}{2}$	14634	
13.....	$1\frac{5}{8}$	15854	
14.....	$1\frac{3}{4}$	17073	
15.....	$1\frac{7}{8}$	18293	
16.....	2.....	19512	
17.....	$2\frac{1}{8}$	20732	
18.....	$2\frac{1}{4}$	21951	
19.....	$2\frac{3}{8}$	23171	
20.....	$2\frac{1}{2}$	24390	
21.....	$2\frac{5}{8}$	25610	
22.....	$2\frac{3}{4}$	26829	
23.....	$2\frac{7}{8}$	28049	
24.....	3.....	29268	
25.....	$3\frac{1}{8}$	30488	
26.....	$3\frac{1}{4}$	31707	
27.....	$3\frac{3}{8}$	32927	
Qrs.			
1.....	$3\frac{3}{8}$	34146	
2.....	$6\frac{7}{8}$	68293	
3.....	$10\frac{1}{4}$	102439	
1....	$13\frac{5}{8}$	136585	
2....	$27\frac{3}{8}$	273171	
3....	41....	409756	
4....	$51\frac{5}{8}$	546341	
5....	$68\frac{1}{4}$	682927	
6....	82....	819512	
7....	$95\frac{5}{8}$	956098	
8....	$109\frac{1}{4}$	1092683	
9....	$122\frac{7}{8}$	1229268	
10....	$136\frac{5}{8}$	1365854	
11....	$150\frac{1}{4}$	1502439	
12....	$163\frac{7}{8}$	1639024	
13....	$177\frac{1}{2}$	1775610	
14....	$191\frac{1}{4}$	1912195	
15....	$204\frac{7}{8}$	2048780	
16....	$218\frac{1}{2}$	2185366	
17....	$232\frac{1}{4}$	2321951	
18....	$245\frac{7}{8}$	2458537	
19....	$259\frac{1}{2}$	2595122	
20....	$273\frac{1}{8}$	2731707	
30....	$409\frac{3}{4}$	4097561	
40....	$546\frac{3}{8}$	5463415	
50....	$682\frac{7}{8}$	6829268	
60....	$819\frac{1}{2}$	8195122	
70....	$956\frac{1}{8}$	9560976	
80....	$1092\frac{5}{8}$	10926829	
90....	$1229\frac{1}{4}$	12292683	
100....	$1365\frac{7}{8}$	13658537	
200....	$2731\frac{3}{4}$	27317073	
300....	$4097\frac{1}{2}$	40975610	

Sp. Gr. .822.					
13·6253 Gallons to 1 Cwt.			272·5061 Gallons to 1 Ton.		
Lbs.	Gallons.		Cwts.	Gallons.	
1.....	$\frac{1}{8}$	·1216	1....	$13\frac{5}{8}$	13·6253
2.....	$\frac{1}{4}$	·2433	2....	$27\frac{1}{4}$	27·2506
3.....	$\frac{3}{8}$	·3650	3....	$40\frac{7}{8}$	40·8759
4.....	$\frac{1}{2}$	·4866	4....	$54\frac{1}{2}$	51·5012
5.....	$\frac{5}{8}$	·6083	5....	$68\frac{1}{8}$	68·1265
6.....	$\frac{3}{4}$	·7299	6....	$81\frac{3}{4}$	81·7518
7.....	$\frac{7}{8}$	·8516	7....	$95\frac{3}{8}$	95·3771
8.....	1.....	·9732	8....	109.....	109·0024
9.....	$1\frac{1}{8}$	1·0949	9....	$122\frac{5}{8}$	122·6277
10.....	$1\frac{1}{4}$	1·2165	10....	$136\frac{1}{4}$	136·2530
11.....	$1\frac{3}{8}$	1·3382	11....	$149\frac{7}{8}$	149·8783
12.....	$1\frac{1}{2}$	1·4598	12....	$163\frac{1}{2}$	163·5036
13.....	$1\frac{5}{8}$	1·5815	13....	$177\frac{1}{8}$	177·1289
14.....	$1\frac{3}{4}$	1·7032	14....	$190\frac{3}{4}$	190·7543
15.....	$1\frac{7}{8}$	1·8248	15....	$204\frac{3}{8}$	204·3796
16.....	2.....	1·9465	16....	218.....	218·0049
17.....	$2\frac{1}{8}$	2·0681	17....	$231\frac{5}{8}$	231·6302
18.....	$2\frac{1}{4}$	2·1898	18....	$245\frac{1}{4}$	245·2555
19.....	$2\frac{1}{2}$	2·3114	19....	$258\frac{7}{8}$	258·8808
20.....	$2\frac{3}{8}$	2·4331	20....	$272\frac{1}{2}$	272·5061
21.....	$2\frac{1}{2}$	2·5547	30....	$408\frac{3}{4}$	408·7591
22.....	$2\frac{5}{8}$	2·6764	40....	545.....	545·0122
23.....	$2\frac{3}{4}$	2·7980	50....	$681\frac{1}{4}$	681·2652
24.....	$2\frac{7}{8}$	2·9197	60....	$817\frac{1}{2}$	817·5182
25.....	3.....	3·0414	70....	$953\frac{3}{4}$	953·7713
26.....	$3\frac{1}{8}$	3·1630	80....	1090.....	1090·0243
27.....	$3\frac{1}{4}$	3·2847	90....	$1226\frac{1}{4}$	1226·2774
Qrs.					
1.....	$3\frac{3}{8}$	3·4063	100....	$1362\frac{1}{2}$	1362·5304
2.....	$6\frac{7}{8}$	6·8126	200....	2725.....	2725·0608
3.....	$10\frac{1}{4}$	10·2190	300....	$4087\frac{5}{8}$	4087·5912

Sp. Gr. .824.

13.5922 Gallons to 1 Cwt.

271.8417 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$13\frac{5}{8}$ 13.5922
2.....	$\frac{1}{4}$	2....	$27\frac{1}{8}$ 27.1845
3.....	$\frac{3}{8}$	3....	$40\frac{3}{4}$ 40.7767
4.....	$\frac{1}{2}$	4....	$51\frac{3}{8}$ 51.3689
5.....	$\frac{5}{8}$	5....	68..... 67.9612
6.....	$\frac{3}{4}$	6....	$81\frac{1}{2}$ 81.5534
7.....	$\frac{7}{8}$	7....	$95\frac{1}{8}$ 95.1456
8.....	1.....	8....	$108\frac{3}{4}$ 108.7379
9.....	$1\frac{1}{8}$	9....	$122\frac{3}{8}$ 122.3301
10.....	$1\frac{1}{4}$	10....	$135\frac{7}{8}$ 135.9223
11.....	$1\frac{3}{8}$	11....	$149\frac{1}{2}$ 149.5146
12.....	$1\frac{1}{2}$	12....	$163\frac{1}{8}$ 163.1068
13.....	$1\frac{5}{8}$	13....	$176\frac{3}{4}$ 176.6990
14.....	$1\frac{3}{4}$	14....	$190\frac{1}{4}$ 190.2913
15.....	$1\frac{7}{8}$	15....	$203\frac{7}{8}$ 203.8835
16.....	2.....	16....	$217\frac{1}{2}$ 217.4757
17.....	$2\frac{1}{8}$	17....	$231\frac{1}{8}$ 231.0680
18.....	$2\frac{1}{4}$	18....	$244\frac{5}{8}$ 244.6602
19.....	$2\frac{1}{2}$	19....	$258\frac{1}{4}$ 258.2524
20.....	$2\frac{3}{4}$	20....	$271\frac{7}{8}$ 271.8447
21.....	$2\frac{1}{2}$	30....	$407\frac{3}{4}$ 407.7670
22.....	$2\frac{5}{8}$	40....	$543\frac{3}{4}$ 543.6893
23.....	$2\frac{3}{4}$	50....	$679\frac{5}{8}$ 679.6116
24.....	$2\frac{7}{8}$	60....	$815\frac{1}{2}$ 815.5340
25.....	3.....	70....	$951\frac{1}{2}$ 951.4563
26.....	$3\frac{1}{8}$	80....	$1087\frac{3}{8}$ 1087.3786
27.....	$3\frac{1}{4}$	90....	$1223\frac{1}{4}$ 1223.3010
Qrs.			
1.....	$3\frac{3}{8}$	100....	$1359\frac{1}{4}$ 1359.2233
2.....	$6\frac{3}{4}$	200....	$2718\frac{1}{2}$ 2718.4466
3.....	$10\frac{1}{4}$	300....	$4077\frac{5}{8}$ 4077.6699

Sp. Gr. .826.			
13·5593 Gallons to 1 Cwt.		271·1864 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$13\frac{1}{2}$ 13·5593
2.....	$\frac{1}{4}$	2....	$27\frac{1}{8}$ 27·1186
3.....	$\frac{3}{8}$	3....	$40\frac{5}{8}$ 40·6780
4.....	$\frac{1}{2}$	4....	$54\frac{1}{4}$ 54·2373
5.....	$\frac{5}{8}$	5....	$67\frac{3}{4}$ 67·7966
6.....	$\frac{3}{4}$	6....	$81\frac{3}{8}$ 81·3559
7.....	$\frac{7}{8}$	7....	$94\frac{7}{8}$ 94·9152
8.....	1.....	8....	$108\frac{1}{2}$ 108·4746
9.....	$1\frac{1}{8}$	9....	122·.... 122·0339
10.....	$1\frac{1}{4}$	10....	$135\frac{5}{8}$ 135·5932
11.....	$1\frac{3}{8}$	11....	$149\frac{1}{8}$ 149·1525
12.....	$1\frac{1}{2}$	12....	$162\frac{3}{4}$ 162·7119
13.....	$1\frac{5}{8}$	13....	$176\frac{1}{4}$ 176·2712
14.....	$1\frac{3}{4}$	14....	$189\frac{7}{8}$ 189·8305
15.....	$1\frac{7}{8}$	15....	$203\frac{3}{8}$ 203·3898
16.....	$1\frac{7}{8}$	16....	217·.... 216·9491
17.....	2.....	17....	$230\frac{1}{2}$ 230·5085
18.....	$2\frac{1}{8}$	18....	$244\frac{1}{8}$ 244·0678
19.....	$2\frac{1}{4}$	19....	$257\frac{5}{8}$ 257·6271
20.....	$2\frac{3}{8}$	20....	$271\frac{1}{8}$ 271·1864
21.....	$2\frac{1}{2}$	30....	$406\frac{3}{4}$ 406·7797
22.....	$2\frac{5}{8}$	40....	$542\frac{3}{8}$ 542·3729
23.....	$2\frac{3}{4}$	50....	678·.... 677·9661
24.....	$2\frac{7}{8}$	60....	$813\frac{1}{2}$ 813·5593
25.....	3.....	70....	$949\frac{1}{8}$ 949·1525
26.....	$3\frac{1}{8}$	80....	$1084\frac{3}{4}$ 1084·7458
27.....	$3\frac{1}{4}$	90....	$1220\frac{3}{8}$ 1220·3390
Qrs.			
1.....	$3\frac{3}{8}$	100....	$1335\frac{7}{8}$ 1355·9322
2.....	$6\frac{3}{4}$	200....	$2711\frac{7}{8}$ 2711·8644
3.....	$10\frac{1}{8}$	300....	$4067\frac{1}{4}$ 4067·7966

Sp. Gr. .828.

13·5266 Gallons to 1 Cwt.

270·5314 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	13 $\frac{1}{2}$ 13·5266
2.....	$\frac{1}{4}$	2....	27.... 27·0531
3.....	$\frac{3}{8}$	3....	40 $\frac{5}{8}$ 40·5797
4.....	$\frac{1}{2}$	4....	54 $\frac{1}{4}$ 54·1063
5.....	$\frac{5}{8}$	5....	67 $\frac{3}{8}$ 67·6328
6.....	$\frac{3}{4}$	6....	81 $\frac{1}{2}$ 81·1594
7.....	$\frac{7}{8}$	7....	94 $\frac{3}{8}$ 94·6860
8.....	1.....	8....	108 $\frac{1}{4}$ 108·2126
9.....	1 $\frac{1}{8}$	9....	121 $\frac{3}{4}$ 121·7391
10.....	1 $\frac{1}{4}$	10....	135 $\frac{1}{2}$ 135·2657
11.....	1 $\frac{3}{8}$	11....	148 $\frac{3}{4}$ 148·7923
12.....	1 $\frac{1}{2}$	12....	162 $\frac{3}{8}$ 162·3188
13.....	1 $\frac{5}{8}$	13....	175 $\frac{7}{8}$ 175·8454
14.....	1 $\frac{3}{4}$	14....	189 $\frac{3}{8}$ 189·3720
15.....	1 $\frac{7}{8}$	15....	202 $\frac{7}{8}$ 202·8985
16.....	1 $\frac{7}{8}$	16....	216 $\frac{3}{8}$ 216·4251
17.....	2.....	17....	230.... 229·9517
18.....	2 $\frac{1}{8}$	18....	243 $\frac{1}{2}$ 243·4783
19.....	2 $\frac{1}{4}$	19....	257.... 257·0048
20.....	2 $\frac{3}{8}$	20....	270 $\frac{1}{2}$ 270·5314
21.....	2 $\frac{1}{2}$	30....	405 $\frac{3}{4}$ 405·7971
22.....	2 $\frac{5}{8}$	40....	541 $\frac{1}{8}$ 541·0628
23.....	2 $\frac{3}{4}$	50....	676 $\frac{3}{8}$ 676·3285
24.....	2 $\frac{7}{8}$	60....	811 $\frac{5}{8}$ 811·5942
25.....	3.....	70....	946 $\frac{7}{8}$ 946·8599
26.....	3 $\frac{1}{8}$	80....	1082 $\frac{1}{2}$ 1082·1256
27.....	3 $\frac{1}{4}$	90....	1217 $\frac{3}{8}$ 1217·3913
Qrs.		100....	1352 $\frac{5}{8}$ 1352·6570
1.....	3 $\frac{3}{8}$	200....	2705 $\frac{3}{8}$ 2705·3140
2.....	6 $\frac{3}{8}$	300....	4058.... 4057·9710
3.....	10 $\frac{1}{8}$		

Sp. Gr. .830.

13·4940 Gallons to 1 Cwt.

269·8795 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$13\frac{1}{2}$ 13·4940
2.....	$\frac{1}{4}$	2....	27 26·9879
3.....	$\frac{3}{8}$	3....	$40\frac{1}{2}$ 40·4819
4.....	$\frac{1}{2}$	4....	54 53·9759
5.....	$\frac{5}{8}$	5....	$67\frac{1}{2}$ 67·4699
6.....	$\frac{3}{4}$	6....	81 80·9638
7.....	$\frac{7}{8}$	7....	$94\frac{1}{2}$ 94·4578
8.....	1	8....	108 107·9518
9.....	$1\frac{1}{8}$	9....	$121\frac{1}{2}$ 121·4458
10.....	$1\frac{1}{4}$	10....	135 134·9398
11.....	$1\frac{3}{8}$	11....	$148\frac{3}{8}$ 148·4337
12.....	$1\frac{1}{2}$	12....	$161\frac{7}{8}$ 161·9277
13.....	$1\frac{5}{8}$	13....	$175\frac{3}{8}$ 175·4217
14.....	$1\frac{5}{4}$	14....	$188\frac{7}{8}$ 188·9157
15.....	$1\frac{3}{2}$	15....	$202\frac{3}{8}$ 202·4096
16.....	$1\frac{7}{8}$	16....	$215\frac{7}{8}$ 215·9036
17.....	2	17....	$229\frac{3}{8}$ 229·3976
18.....	$2\frac{1}{8}$	18....	$242\frac{7}{8}$ 242·8916
19.....	$2\frac{1}{4}$	19....	$256\frac{3}{8}$ 256·3855
20.....	$2\frac{3}{8}$	20....	$269\frac{7}{8}$ 269·8795
21.....	$2\frac{1}{2}$	30....	$404\frac{7}{8}$ 404·8193
22.....	$2\frac{5}{8}$	40....	$539\frac{3}{4}$ 539·7590
23.....	$2\frac{3}{4}$	50....	$674\frac{3}{4}$ 674·6988
24.....	$2\frac{7}{8}$	60....	$809\frac{3}{8}$ 809·6385
25.....	3	70....	$944\frac{5}{8}$ 944·5783
26.....	$3\frac{1}{8}$	80....	$1079\frac{1}{2}$ 1079·5181
27.....	$3\frac{1}{4}$	90....	$1214\frac{1}{2}$ 1214·4578
Qrs.		100....	$1349\frac{3}{8}$ 1349·3976
1.....	$3\frac{3}{8}$	200....	$2698\frac{3}{8}$ 2698·7952
2.....	$6\frac{3}{4}$	300....	$4048\frac{1}{4}$ 4048·1928
3.....	$10\frac{1}{8}$		

Sp. Gr. .832.			
13.4615 Gallons to 1 Cwt.		269.2308 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$13\frac{1}{2}$ 13.4615
2.....	$\frac{1}{4}$	2....	$26\frac{7}{8}$ 26.9231
3.....	$\frac{3}{8}$	3....	$40\frac{3}{8}$ 40.3846
4.....	$\frac{1}{2}$	4....	$53\frac{7}{8}$ 53.8461
5.....	$\frac{5}{8}$	5....	$67\frac{1}{4}$ 67.3077
6.....	$\frac{3}{4}$	6....	$80\frac{3}{4}$ 80.7692
7.....	$\frac{7}{8}$	7....	$94\frac{1}{4}$ 94.2308
8.....	1.....	8....	$107\frac{3}{4}$ 107.6923
9.....	$1\frac{1}{8}$	9....	$121\frac{1}{8}$ 121.1538
10.....	$1\frac{1}{4}$	10....	$134\frac{5}{8}$ 134.6154
11.....	$1\frac{3}{8}$	11....	$148\frac{1}{8}$ 148.0769
12.....	$1\frac{1}{2}$	12....	$161\frac{1}{2}$ 161.5385
13.....	$1\frac{5}{8}$	13....	175 175.0000
14.....	$1\frac{3}{4}$	14....	$188\frac{1}{2}$ 188.4615
15.....	$1\frac{7}{8}$	15....	$201\frac{7}{8}$ 201.9231
16.....	2.....	16....	$215\frac{3}{8}$ 215.3846
17.....	$2\frac{1}{8}$	17....	$228\frac{7}{8}$ 228.8461
18.....	$2\frac{1}{4}$	18....	$242\frac{1}{4}$ 242.3077
19.....	$2\frac{3}{8}$	19....	$255\frac{3}{4}$ 255.7692
20.....	$2\frac{1}{2}$	20....	$269\frac{1}{4}$ 269.2308
21.....	$2\frac{5}{8}$	30....	$403\frac{7}{8}$ 403.8461
22.....	$2\frac{3}{4}$	40....	$538\frac{1}{2}$ 538.4615
23.....	$2\frac{7}{8}$	50....	$673\frac{1}{8}$ 673.0769
24.....	3.....	60....	$807\frac{3}{4}$ 807.6923
25.....	$3\frac{1}{8}$	70....	$942\frac{1}{4}$ 942.3077
26.....	$3\frac{1}{4}$	80....	$1076\frac{7}{8}$ 1076.9231
27.....	$3\frac{3}{8}$	90....	$1211\frac{1}{2}$ 1211.5385
Qrs.		100....	$1346\frac{1}{8}$ 1346.1538
1.....	$3\frac{3}{8}$	200....	$2692\frac{1}{4}$ 2692.3077
2.....	$6\frac{3}{4}$	300....	$4038\frac{1}{2}$ 4038.4615
3.....	$10\frac{1}{8}$		

Sp. Gr. .834.					
13·4293 Gallons to 1 Cwt.			268·5851 Gallons to 1 Ton.		
Lbs.	Gallons.		Cwts.	Gallons.	
1.....	$\frac{1}{8}$	·1199	1....	$13\frac{3}{8}$	13·4293
2.....	$\frac{1}{4}$	·2398	2....	$26\frac{7}{8}$	26·8585
3.....	$\frac{3}{8}$	·3597	3....	$40\frac{1}{4}$	40·2878
4.....	$\frac{1}{2}$	·4796	4....	$53\frac{3}{4}$	53·7170
5.....	$\frac{5}{8}$	·5995	5....	$67\frac{1}{8}$	67·1463
6.....	$\frac{3}{4}$	·7194	6....	$80\frac{5}{8}$	80·5755
7.....	$\frac{7}{8}$	·8393	7....	94.....	94·0048
8.....	1.....	·9592	8....	$107\frac{3}{8}$	107·4340
9.....	$1\frac{1}{8}$	1·0791	9....	$120\frac{7}{8}$	120·8633
10.....	$1\frac{1}{4}$	1·1990	10....	$134\frac{1}{4}$	134·2926
11.....	$1\frac{3}{8}$	1·3189	11....	$147\frac{3}{4}$	147·7218
12.....	$1\frac{1}{2}$	1·4388	12....	$161\frac{1}{8}$	161·1511
13.....	$1\frac{1}{2}$	1·5587	13....	$174\frac{5}{8}$	174·5803
14.....	$1\frac{5}{8}$	1·6787	14....	188.....	188·0096
15.....	$1\frac{3}{4}$	1·7986	15....	$201\frac{1}{2}$	201·4388
16.....	$1\frac{7}{8}$	1·9185	16....	$214\frac{7}{8}$	214·8681
17.....	2.....	2·0384	17....	$228\frac{1}{4}$	228·2974
18.....	$2\frac{1}{8}$	2·1583	18....	$241\frac{3}{4}$	241·7266
19.....	$2\frac{1}{4}$	2·2782	19....	$255\frac{1}{8}$	255·1559
20.....	$2\frac{3}{8}$	2·3981	20....	$268\frac{5}{8}$	268·5851
21.....	$2\frac{1}{2}$	2·5180	30....	$402\frac{7}{8}$	402·8777
22.....	$2\frac{5}{8}$	2·6379	40....	$537\frac{1}{8}$	537·1703
23.....	$2\frac{3}{4}$	2·7578	50....	$671\frac{1}{2}$	671·4628
24.....	$2\frac{7}{8}$	2·8777	60....	$805\frac{3}{4}$	805·7554
25.....	3.....	2·9976	70....	940.....	940·0480
26.....	$3\frac{1}{8}$	3·1175	80....	$1074\frac{3}{8}$	1074·3405
27.....	$3\frac{1}{4}$	3·2374	90....	$1208\frac{5}{8}$	1208·6331
Qrs.					
1.....	$3\frac{3}{8}$	3·3573	100....	$1342\frac{7}{8}$	1342·9257
2.....	$6\frac{3}{4}$	6·7146	200....	$2685\frac{7}{8}$	2685·8513
3.....	$10\frac{1}{8}$	10·0719	300....	$4028\frac{3}{4}$	4028·7770

Sp. Gr. .836.					
13·3971 Gallons to 1 Cwt.			267·9426 Gallons to 1 Ton.		
Lbs.	Gallons.		Cwts.	Gallons.	
1.....	$\frac{1}{8}$	1196	1....	$13\frac{3}{8}$	13·3971
2.....	$\frac{1}{4}$	2392	2....	$26\frac{3}{4}$	26·7943
3.....	$\frac{3}{8}$	3588	3....	$40\frac{1}{4}$	40·1914
4.....	$\frac{1}{2}$	4785	4....	$53\frac{5}{8}$	53·5885
5.....	$\frac{5}{8}$	5981	5....	67	66·9856
6.....	$\frac{3}{4}$	7177	6....	$80\frac{3}{8}$	80·3828
7.....	$\frac{7}{8}$	8373	7....	$93\frac{1}{4}$	93·7799
8.....	1	9569	8....	$107\frac{1}{8}$	107·1770
9.....	$1\frac{1}{8}$	1·0765	9....	$120\frac{5}{8}$	120·5742
10.....	$1\frac{1}{4}$	1·1962	10....	134	133·9713
11.....	$1\frac{3}{8}$	1·3158	11....	$147\frac{3}{8}$	147·3684
12.....	$1\frac{3}{4}$	1·4354	12..	$160\frac{3}{4}$	160·7655
13.....	$1\frac{1}{2}$	1·5550	13....	$174\frac{1}{8}$	174·1627
14.....	$1\frac{5}{8}$	1·6746	14....	$187\frac{1}{2}$	187·5598
15.....	$1\frac{3}{4}$	1·7943	15....	201	200·9569
16.....	$1\frac{7}{8}$	1·9139	16....	$214\frac{3}{8}$	214·3541
17.....	2	2·0335	17....	$227\frac{3}{4}$	227·7512
18.....	$2\frac{1}{8}$	2·1531	18....	$241\frac{1}{8}$	241·1483
19.....	$2\frac{1}{4}$	2·2727	19....	$254\frac{1}{2}$	254·5454
20.....	$2\frac{3}{8}$	2·3923	20....	$26\frac{3}{4}$	267·9426
21.....	$2\frac{1}{2}$	2·5120	30....	$401\frac{7}{8}$	401·9139
22.....	$2\frac{5}{8}$	2·6316	40....	$535\frac{7}{8}$	535·8852
23.....	$2\frac{3}{4}$	2·7512	50....	$669\frac{7}{8}$	669·8565
24.....	$2\frac{7}{8}$	2·8708	60....	$803\frac{7}{8}$	803·8277
25.....	3	2·9904	70....	$937\frac{1}{4}$	937·7990
26.....	$3\frac{1}{8}$	3·1100	80....	$1071\frac{3}{4}$	1071·7703
27.....	$3\frac{1}{4}$	3·2297	90....	$1205\frac{3}{4}$	1205·7416
Qrs.					
1.....	$3\frac{3}{8}$	3·3493	100....	$1339\frac{3}{4}$	1339·7129
2.....	$6\frac{3}{4}$	6·6986	200....	$2679\frac{3}{8}$	2679·4258
3.....	11	10·0478	300....	$4019\frac{1}{8}$	4019·1388

Sp. Gr. .838.

13·3651 Gallons to 1 Cwt.

267·3031 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$13\frac{3}{8}$ 13·3651
2.....	$\frac{1}{4}$	2....	$26\frac{3}{4}$ 26·7303
3.....	$\frac{3}{8}$	3....	$40\frac{1}{8}$ 40·0955
4.....	$\frac{1}{2}$	4....	$53\frac{1}{2}$ 53·4606
5.....	$\frac{5}{8}$	5....	$66\frac{7}{8}$ 66·8258
6.....	$\frac{3}{4}$	6....	$80\frac{1}{4}$ 80·1909
7.....	$\frac{7}{8}$	7....	$93\frac{1}{2}$ 93·5561
8.....	1.....	8....	$106\frac{7}{8}$ 106·9212
9.....	$1\frac{1}{8}$	9....	$120\frac{1}{4}$ 120·2864
10.....	$1\frac{1}{4}$	10....	$133\frac{5}{8}$ 133·6515
11.....	$1\frac{3}{8}$	11....	147 147·0167
12.....	$1\frac{3}{4}$	12....	$160\frac{3}{8}$ 160·3819
13.....	$1\frac{1}{2}$	13....	$173\frac{3}{4}$ 173·7470
14.....	$1\frac{5}{8}$	14....	$187\frac{1}{8}$ 187·1122
15.....	$1\frac{3}{4}$	15....	$200\frac{1}{2}$ 200·4773
16.....	$1\frac{7}{8}$	16....	$213\frac{7}{8}$ 213·8425
17.....	2.....	17....	$227\frac{1}{4}$ 227·2076
18.....	$2\frac{1}{8}$	18....	$240\frac{3}{8}$ 240·5728
19.....	$2\frac{1}{4}$	19....	254 253·9379
20.....	$2\frac{3}{8}$	20....	$267\frac{1}{4}$ 267·3031
21.....	$2\frac{1}{2}$	30....	401 400·9546
22.....	$2\frac{5}{8}$	40....	$534\frac{5}{8}$ 534·6062
23.....	$2\frac{3}{4}$	50....	$668\frac{1}{4}$ 668·2578
24.....	$2\frac{7}{8}$	60....	$801\frac{7}{8}$ 801·9093
25.....	3.....	70....	$935\frac{1}{2}$ 935·5609
26.....	$3\frac{1}{8}$	80....	$1069\frac{1}{4}$ 1069·2124
27.....	$3\frac{1}{4}$	90....	$1202\frac{7}{8}$ 1202·8640
Qrs.		100....	$1336\frac{1}{2}$ 1336·5155
1.....	$3\frac{3}{8}$	200....	2673 2673·0310
2.....	$6\frac{3}{8}$	300....	$4009\frac{1}{2}$ 4009·5465
3.....	10.....		

Sp. Gr. .840.

13·3333 Gallons to 1 Cwt.

266·6667 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$13\frac{3}{8}$ 13·3333
2.....	$\frac{1}{4}$	2....	$26\frac{5}{8}$ 26·6667
3.....	$\frac{3}{8}$	3....	40 40·0000
4.....	$\frac{1}{2}$	4....	$53\frac{3}{8}$ 53·3333
5.....	$\frac{5}{8}$	5....	$66\frac{5}{8}$ 66·6667
6.....	$\frac{3}{4}$	6....	80 80·0000
7.....	$\frac{7}{8}$	7....	$93\frac{3}{8}$ 93·3333
8.....	1	8....	$106\frac{5}{8}$ 106·6667
9.....	$1\frac{1}{8}$	9....	120 120·0000
10.....	$1\frac{1}{4}$	10....	$133\frac{3}{8}$ 133·3333
11.....	$1\frac{1}{2}$	11....	$146\frac{5}{8}$ 146·6667
12.....	$1\frac{3}{4}$	12....	160 160·0000
13.....	$1\frac{5}{8}$	13....	$173\frac{3}{8}$ 173·3333
14.....	$1\frac{3}{4}$	14....	$186\frac{5}{8}$ 186·6667
15.....	$1\frac{7}{8}$	15....	200 200·0000
16.....	$1\frac{7}{8}$	16....	$213\frac{3}{8}$ 213·3333
17.....	2	17....	$226\frac{5}{8}$ 226·6667
18.....	$2\frac{1}{8}$	18....	240 240·0000
19.....	$2\frac{1}{4}$	19....	$253\frac{3}{8}$ 253·3333
20.....	$2\frac{3}{8}$	20....	$266\frac{5}{8}$ 266·6667
21.....	$2\frac{1}{2}$	30....	400 400·0000
22.....	$2\frac{5}{8}$	40....	$533\frac{3}{8}$ 533·3333
23.....	$2\frac{3}{4}$	50....	$666\frac{5}{8}$ 666·6667
24.....	$2\frac{7}{8}$	60....	800 800·0000
25.....	3	70....	$933\frac{3}{8}$ 933·3333
26.....	$3\frac{1}{8}$	80....	$1066\frac{5}{8}$ 1066·6667
27.....	$3\frac{1}{4}$	90....	1200 1200·0000
Qrs.			
1.....	$3\frac{3}{8}$	100....	$1333\frac{3}{8}$ 1333·3333
2.....	$6\frac{5}{8}$	200....	$2666\frac{5}{8}$ 2666·6667
3.....	10	300....	4000 4000·0000

Sp. Gr. .842.			
13·3017 Gallons to 1 Cwt.		266·0332 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$13\frac{1}{2}$
2.....	$\frac{1}{4}$	2....	$26\frac{5}{8}$
3.....	$\frac{3}{8}$	3....	$39\frac{7}{8}$
4.....	$\frac{1}{2}$	4....	$53\frac{1}{4}$
5.....	$\frac{5}{8}$	5....	$66\frac{1}{2}$
6.....	$\frac{3}{4}$	6....	$79\frac{3}{4}$
7.....	$\frac{7}{8}$	7....	$93\frac{1}{8}$
8.....	1.....	8....	$106\frac{3}{8}$
9.....	$1\frac{1}{8}$	9....	$119\frac{3}{4}$
10.....	$1\frac{1}{4}$	10....	133....
11.....	$1\frac{1}{2}$	11....	$146\frac{3}{8}$
12.....	$1\frac{3}{8}$	12....	$159\frac{5}{8}$
13.....	$1\frac{1}{2}$	13....	$172\frac{7}{8}$
14.....	$1\frac{5}{8}$	14....	$186\frac{1}{4}$
15.....	$1\frac{3}{4}$	15....	$199\frac{1}{2}$
16.....	$1\frac{7}{8}$	16....	$212\frac{7}{8}$
17.....	2.....	17....	$226\frac{1}{8}$
18.....	$2\frac{1}{8}$	18....	$239\frac{3}{8}$
19.....	$2\frac{1}{4}$	19....	$252\frac{3}{4}$
20.....	$2\frac{3}{8}$	20....	266....
21.....	$2\frac{1}{2}$	30....	399....
22.....	$2\frac{5}{8}$	40....	$532\frac{1}{8}$
23.....	$2\frac{3}{4}$	50....	$665\frac{1}{8}$
24.....	$2\frac{7}{8}$	60....	$798\frac{1}{8}$
25.....	3.....	70....	$931\frac{1}{8}$
26.....	$3\frac{1}{8}$	80....	$1064\frac{1}{8}$
27.....	$3\frac{1}{4}$	90....	$1197\frac{1}{8}$
Qrs.		100....	$1330\frac{1}{8}$
1.....	$3\frac{3}{8}$	200....	$2660\frac{3}{8}$
2.....	$6\frac{5}{8}$	300....	$3990\frac{1}{2}$
3.....	10.....		

Sp. Gr. .844.			
13.2701 Gallons to 1 Cwt.		265.4028 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$13\frac{1}{4}$
2.....	$\frac{1}{4}$	2....	$26\frac{1}{2}$
3.....	$\frac{3}{8}$	3....	$39\frac{3}{4}$
4.....	$\frac{1}{2}$	4....	$53\frac{1}{8}$
5.....	$\frac{5}{8}$	5....	$66\frac{3}{8}$
6.....	$\frac{3}{4}$	6....	$79\frac{5}{8}$
7.....	$\frac{7}{8}$	7....	$92\frac{7}{8}$
8.....	1.....	8....	$106\frac{1}{8}$
9.....	$1\frac{1}{8}$	9....	$119\frac{3}{8}$
10.....	$1\frac{1}{4}$	10....	$132\frac{1}{2}$
11.....	$1\frac{1}{2}$	11....	146
12.....	$1\frac{3}{4}$	12....	$159\frac{1}{4}$
13.....	$1\frac{1}{2}$	13....	$172\frac{1}{2}$
14.....	$1\frac{5}{8}$	14....	$185\frac{3}{4}$
15.....	$1\frac{3}{4}$	15....	199
16.....	$1\frac{7}{8}$	16....	$212\frac{3}{8}$
17.....	2.....	17....	$225\frac{5}{8}$
18.....	$2\frac{1}{8}$	18....	$238\frac{7}{8}$
19.....	$2\frac{1}{4}$	19....	$252\frac{1}{8}$
20.....	$2\frac{3}{8}$	20....	$265\frac{3}{8}$
21.....	$2\frac{1}{2}$	30....	$398\frac{1}{8}$
22.....	$2\frac{5}{8}$	40....	$530\frac{3}{4}$
23.....	$2\frac{3}{4}$	50....	$663\frac{1}{2}$
24.....	$2\frac{7}{8}$	60....	$796\frac{1}{4}$
25.....	3.....	70....	$928\frac{7}{8}$
26.....	$3\frac{1}{8}$	80....	$1061\frac{5}{8}$
27.....	$3\frac{1}{4}$	90....	$1194\frac{3}{8}$
Qrs.		100....	1327
1.....	$3\frac{3}{8}$	200....	2654
2.....	$6\frac{5}{8}$	300....	3981
3.....	10.....		

Sp. Gr. .846.			
13·2388 Gallons to 1 Cwt.		264·7754 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$13\frac{1}{4}$
2.....	$\frac{1}{4}$	2....	$26\frac{1}{2}$
3.....	$\frac{3}{8}$	3....	$39\frac{3}{4}$
4.....	$\frac{1}{2}$	4....	53.....
5.....	$\frac{5}{8}$	5....	$66\frac{1}{4}$
6.....	$\frac{3}{4}$	6....	$79\frac{3}{8}$
7.....	$\frac{7}{8}$	7....	$92\frac{5}{8}$
8.....	1.....	8....	$105\frac{7}{8}$
9.....	$1\frac{1}{8}$	9....	$119\frac{1}{8}$
10.....	$1\frac{1}{4}$	10....	$132\frac{3}{8}$
11.....	$1\frac{1}{2}$	11....	$145\frac{5}{8}$
12.....	$1\frac{3}{4}$	12....	$158\frac{7}{8}$
13.....	$1\frac{1}{2}$	13....	$172\frac{1}{8}$
14.....	$1\frac{5}{8}$	14....	$185\frac{3}{8}$
15.....	$1\frac{3}{4}$	15....	$198\frac{5}{8}$
16.....	$1\frac{7}{8}$	16....	$211\frac{7}{8}$
17.....	2.....	17....	225.....
18.....	$2\frac{1}{8}$	18....	$238\frac{1}{4}$
19.....	$2\frac{1}{4}$	19....	$251\frac{1}{2}$
20.....	$2\frac{3}{8}$	20....	$264\frac{3}{4}$
21.....	$2\frac{1}{2}$	30....	$397\frac{1}{8}$
22.....	$2\frac{5}{8}$	40....	$529\frac{1}{2}$
23.....	$2\frac{3}{4}$	50....	662.....
24.....	$2\frac{7}{8}$	60....	$794\frac{3}{8}$
25.....	3.....	70....	$926\frac{3}{4}$
26.....	$3\frac{1}{8}$	80....	$1059\frac{1}{8}$
27.....	$3\frac{1}{4}$	90....	$1191\frac{1}{2}$
Qrs.			
1.....	$3\frac{1}{4}$	100....	$1323\frac{7}{8}$
2.....	$6\frac{5}{8}$	200....	$2647\frac{3}{4}$
3.....	$9\frac{7}{8}$	300....	$3971\frac{5}{8}$

Sp. Gr. .848.

13·2075 Gallons to 1 Cwt.

264·1509 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$13\frac{1}{4}$ 13·2075
2.....	$\frac{1}{4}$	2....	$26\frac{3}{8}$ 26·4151
3.....	$\frac{3}{8}$	3....	$39\frac{5}{8}$ 39·6226
4.....	$\frac{1}{2}$	4....	$52\frac{7}{8}$ 52·8302
5.....	$\frac{5}{8}$	5....	66 66·0377
6.....	$\frac{3}{4}$	6....	$79\frac{1}{4}$ 79·2453
7.....	$\frac{7}{8}$	7....	$92\frac{1}{2}$ 92·4528
8.....	1	8....	$105\frac{5}{8}$ 105·6604
9.....	1	9....	$118\frac{7}{8}$ 118·8679
10.....	$1\frac{1}{8}$	10....	$132\frac{1}{8}$ 132·0755
11.....	$1\frac{1}{4}$	11....	$145\frac{1}{4}$ 145·2830
12.....	$1\frac{3}{8}$	12....	$158\frac{1}{2}$ 158·4906
13.....	$1\frac{1}{2}$	13....	$171\frac{3}{4}$ 171·6981
14.....	$1\frac{5}{8}$	14....	$184\frac{7}{8}$ 184·9057
15.....	$1\frac{3}{4}$	15....	$198\frac{1}{8}$ 198·1132
16.....	$1\frac{7}{8}$	16....	$211\frac{3}{8}$ 211·3207
17.....	2	17....	$224\frac{1}{2}$ 224·5283
18.....	$2\frac{1}{8}$	18....	$237\frac{3}{4}$ 237·7358
19.....	$2\frac{1}{4}$	19....	251 250·9434
20.....	$2\frac{3}{8}$	20....	$264\frac{1}{8}$ 264·1509
21.....	$2\frac{1}{2}$	30....	$396\frac{1}{2}$ 396·2264
22.....	$2\frac{5}{8}$	40....	$528\frac{1}{4}$ 528·3019
23.....	$2\frac{3}{4}$	50....	$660\frac{3}{8}$ 660·3774
24.....	$2\frac{7}{8}$	60....	$792\frac{1}{2}$ 792·4528
25.....	3	70....	$924\frac{1}{2}$ 924·5283
26.....	$3\frac{1}{8}$	80....	$1056\frac{5}{8}$ 1056·6038
27.....	$3\frac{1}{4}$	90....	$1188\frac{3}{4}$ 1188·6792
Qrs.			
1.....	$3\frac{1}{4}$	100....	$1320\frac{3}{4}$ 1320·7547
2.....	$6\frac{5}{8}$	200....	$2641\frac{1}{2}$ 2641·5094
3.....	$9\frac{7}{8}$	300....	$3962\frac{1}{4}$ 3962·2641

Sp. Gr. .850.			
13·1765 Gallons to 1 Cwt.		263·5294 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$13\frac{1}{8}$ 13·1765
2.....	$\frac{1}{4}$	2....	$26\frac{3}{8}$ 26·3529
3.....	$\frac{3}{8}$	3....	$39\frac{1}{2}$ 39·5294
4.....	$\frac{1}{2}$	4....	$52\frac{3}{4}$ 52·7059
5.....	$\frac{5}{8}$	5....	$65\frac{7}{8}$ 65·8823
6.....	$\frac{3}{4}$	6....	79 79·0588
7.....	$\frac{7}{8}$	7....	$92\frac{1}{4}$ 92·2353
8.....	1.....	8....	$105\frac{3}{8}$ 105·4118
9.....	1.....	9....	$118\frac{5}{8}$ 118·5882
10.....	$1\frac{1}{8}$	10....	$131\frac{3}{4}$ 131·7647
11.....	$1\frac{1}{4}$	11....	145 144·9412
12.....	$1\frac{3}{8}$	12....	$158\frac{1}{8}$ 158·1176
13.....	$1\frac{1}{2}$	13....	$171\frac{1}{4}$ 171·2941
14.....	$1\frac{5}{8}$	14....	$184\frac{1}{2}$ 184·4706
15.....	$1\frac{3}{4}$	15....	$197\frac{5}{8}$ 197·6471
16.....	$1\frac{7}{8}$	16....	$210\frac{7}{8}$ 210·8235
17.....	2.....	17....	224 224·0000
18.....	$2\frac{1}{8}$	18....	$237\frac{1}{8}$ 237·1765
19.....	$2\frac{1}{4}$	19....	$250\frac{3}{8}$ 250·3529
20.....	$2\frac{3}{8}$	20....	$263\frac{1}{2}$ 263·5294
21.....	$2\frac{1}{2}$	30....	$395\frac{1}{4}$ 395·2941
22.....	$2\frac{5}{8}$	40....	527 527·0588
23.....	$2\frac{3}{4}$	50....	$658\frac{7}{8}$ 658·8235
24.....	$2\frac{7}{8}$	60....	$790\frac{5}{8}$ 790·5882
25.....	3.....	70....	$922\frac{3}{8}$ 922·3529
26.....	3.....	80....	$1054\frac{1}{8}$ 1054·1176
27.....	$3\frac{1}{8}$	90....	$1185\frac{7}{8}$ 1185·8823
Qrs.		100....	$1317\frac{5}{8}$ 1317·6471
1.....	$3\frac{1}{4}$	200....	$2635\frac{1}{4}$ 2635·2941
2.....	$6\frac{5}{8}$	300....	3953 3952·9412
3.....	$9\frac{7}{8}$		

OIL TRADE CALCULATOR

77

Sp. Gr. '852.

13·1455 Gallons to 1 Cwt.

262·9108 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$13\frac{1}{8}$ 13·1455
2.....	$\frac{1}{4}$	2....	$26\frac{1}{4}$ 26·2911
3.....	$\frac{3}{8}$	3....	$39\frac{3}{8}$ 39·4366
4.....	$\frac{1}{2}$	4....	$52\frac{5}{8}$ 52·5822
5.....	$\frac{5}{8}$	5....	$65\frac{3}{4}$ 65·7277
6.....	$\frac{3}{4}$	6....	$78\frac{7}{8}$ 78·8732
7.....	$\frac{7}{8}$	7....	92 92·0188
8.....	1.....	8....	$105\frac{1}{2}$ 105·1643
9.....	1.....	9....	$118\frac{1}{2}$ 118·3099
10.....	$1\frac{1}{8}$	10....	$131\frac{1}{2}$ 131·4554
11.....	$1\frac{1}{4}$	11....	$144\frac{3}{8}$ 144·6009
12.....	$1\frac{3}{8}$	12....	$157\frac{7}{8}$ 157·7465
13.....	$1\frac{1}{2}$	13....	$170\frac{7}{8}$ 170·8920
14.....	$1\frac{5}{8}$	14....	184 184·0376
15.....	$1\frac{3}{4}$	15....	$197\frac{1}{8}$ 197·1831
16.....	$1\frac{7}{8}$	16....	$210\frac{3}{8}$ 210·3286
17.....	2.....	17....	$223\frac{1}{2}$ 223·4742
18.....	$2\frac{1}{8}$	18....	$236\frac{5}{8}$ 236·6197
19.....	$2\frac{1}{4}$	19....	$249\frac{3}{4}$ 249·7653
20.....	$2\frac{3}{8}$	20....	$262\frac{7}{8}$ 262·9108
21.....	$2\frac{1}{2}$	30....	$394\frac{3}{8}$ 394·3662
22.....	$2\frac{5}{8}$	40....	$525\frac{7}{8}$ 525·8216
23.....	$2\frac{3}{4}$	50....	$657\frac{1}{4}$ 657·2770
24.....	$2\frac{7}{8}$	60....	$788\frac{3}{4}$ 788·7324
25.....	$2\frac{7}{8}$	70....	$920\frac{1}{4}$ 920·1878
26.....	3.....	80....	$1051\frac{5}{8}$ 1051·6432
27.....	$3\frac{1}{8}$	90....	$1183\frac{1}{8}$ 1183·0986
Qrs.			
1.....	$3\frac{1}{4}$	100....	$1314\frac{1}{2}$ 1314·5540
2.....	$6\frac{5}{8}$	200....	$2629\frac{1}{8}$ 2629·1080
3.....	$9\frac{7}{8}$	300....	$3943\frac{3}{8}$ 3943·6620

Sp. Gr. .854.			
13·1147 Gallons to 1 Cwt.		262·2951 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$13\frac{1}{8}$
2.....	$\frac{1}{4}$	2....	$26\frac{1}{4}$
3.....	$\frac{3}{8}$	3....	$39\frac{3}{8}$
4.....	$\frac{1}{2}$	4....	$52\frac{1}{2}$
5.....	$\frac{5}{8}$	5....	$65\frac{5}{8}$
6.....	$\frac{3}{4}$	6....	$78\frac{3}{4}$
7.....	$\frac{7}{8}$	7....	$91\frac{3}{4}$
8.....	$\frac{7}{8}$	8....	$104\frac{7}{8}$
9.....	1.....	9....	118....
10.....	$1\frac{1}{8}$	10....	$131\frac{1}{8}$
11.....	$1\frac{1}{4}$	11....	$144\frac{1}{4}$
12.....	$1\frac{3}{8}$	12....	$157\frac{3}{8}$
13.....	$1\frac{1}{2}$	13....	$170\frac{1}{2}$
14.....	$1\frac{5}{8}$	14....	$183\frac{5}{8}$
15.....	$1\frac{3}{4}$	15....	$196\frac{3}{4}$
16.....	$1\frac{7}{8}$	16....	$209\frac{7}{8}$
17.....	2.....	17....	223....
18.....	$2\frac{1}{8}$	18....	$236\frac{1}{8}$
19.....	$2\frac{1}{4}$	19....	$249\frac{1}{8}$
20.....	$2\frac{3}{8}$	20....	$262\frac{1}{4}$
21.....	$2\frac{1}{2}$	30....	$393\frac{1}{2}$
22.....	$2\frac{5}{8}$	40....	$524\frac{5}{8}$
23.....	$2\frac{3}{4}$	50....	$655\frac{3}{4}$
24.....	$2\frac{7}{8}$	60....	$786\frac{7}{8}$
25.....	$2\frac{7}{8}$	70....	918....
26.....	3.....	80....	$1049\frac{1}{8}$
27.....	$3\frac{1}{8}$	90....	$1180\frac{3}{8}$
Qrs.		100....	$1311\frac{1}{2}$
1.....	$3\frac{1}{4}$	200....	2623....
2.....	$6\frac{1}{4}$	300....	$3934\frac{3}{8}$
3.....	$9\frac{7}{8}$		

Sp. Gr. .856.			
13·0841 Gallons to 1 Cwt.		261·6822 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$13\frac{1}{8}$
2.....	$\frac{1}{4}$	2....	$26\frac{1}{8}$
3.....	$\frac{3}{8}$	3....	$39\frac{1}{4}$
4.....	$\frac{1}{2}$	4....	$52\frac{3}{8}$
5.....	$\frac{5}{8}$	5....	$65\frac{3}{8}$
6.....	$\frac{3}{4}$	6....	$78\frac{1}{2}$
7.....	$\frac{7}{8}$	7....	$91\frac{5}{8}$
8.....	1.....	8....	$104\frac{5}{8}$
9.....	$1\frac{1}{8}$	9....	$117\frac{3}{4}$
10.....	$1\frac{1}{4}$	10....	$130\frac{7}{8}$
11.....	$1\frac{1}{2}$	11....	$143\frac{7}{8}$
12.....	$1\frac{3}{4}$	12....	157
13.....	$1\frac{5}{8}$	13....	$170\frac{1}{8}$
14.....	$1\frac{3}{4}$	14....	$183\frac{1}{8}$
15.....	$1\frac{7}{8}$	15....	$196\frac{1}{4}$
16.....	2.....	16....	$209\frac{3}{8}$
17.....	$2\frac{1}{8}$	17....	$222\frac{3}{8}$
18.....	$2\frac{1}{4}$	18....	$235\frac{1}{2}$
19.....	$2\frac{1}{2}$	19....	$248\frac{5}{8}$
20.....	$2\frac{3}{4}$	20....	$261\frac{5}{8}$
21.....	$2\frac{5}{8}$	30....	$392\frac{1}{2}$
22.....	$2\frac{3}{4}$	40....	$523\frac{3}{8}$
23.....	$2\frac{7}{8}$	50....	$654\frac{1}{4}$
24.....	3.....	60....	785
25.....	$3\frac{1}{8}$	70....	$915\frac{7}{8}$
26.....	$3\frac{1}{4}$	80....	$1046\frac{3}{4}$
27.....	$3\frac{1}{2}$	90....	$1177\frac{5}{8}$
Qrs.		100....	$1308\frac{3}{8}$
1.....	$3\frac{1}{4}$	200....	$2616\frac{3}{8}$
2.....	$6\frac{1}{2}$	300....	$3925\frac{1}{4}$
3.....	$9\frac{3}{4}$		

Sp. Gr. .858.			
13.0536 Gallons to 1 Cwt.		261.0723 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	13..... 13.0536
2.....	$\frac{1}{4}$	2....	$26\frac{1}{8}$ 26.1072
3.....	$\frac{3}{8}$	3....	$39\frac{1}{8}$ 39.1608
4.....	$\frac{1}{2}$	4....	$52\frac{1}{4}$ 52.2144
5.....	$\frac{5}{8}$	5....	$65\frac{1}{4}$ 65.2681
6.....	$\frac{3}{4}$	6....	$78\frac{3}{8}$ 78.3217
7.....	$\frac{7}{8}$	7....	$91\frac{3}{8}$ 91.3753
8.....	$\frac{7}{8}$	8....	$104\frac{3}{8}$ 104.4289
9.....	1.....	9....	$117\frac{1}{2}$ 117.4825
10.....	$1\frac{1}{8}$	10....	$130\frac{1}{2}$ 130.5361
11.....	$1\frac{1}{4}$	11....	$143\frac{5}{8}$ 143.5897
12.....	$1\frac{3}{8}$	12....	$156\frac{5}{8}$ 156.6434
13.....	$1\frac{1}{2}$	13....	$169\frac{3}{4}$ 169.6970
14.....	$1\frac{5}{8}$	14....	$182\frac{3}{4}$ 182.7506
15.....	$1\frac{3}{4}$	15....	$195\frac{3}{4}$ 195.8042
16.....	$1\frac{7}{8}$	16....	$208\frac{7}{8}$ 208.8578
17.....	2.....	17....	$221\frac{7}{8}$ 221.9114
18.....	$2\frac{1}{8}$	18....	235..... 234.9650
19.....	$2\frac{1}{4}$	19....	248..... 248.0186
20.....	$2\frac{3}{8}$	20....	$261\frac{1}{8}$ 261.0723
21.....	$2\frac{1}{2}$	30....	$391\frac{1}{8}$ 391.6084
22.....	$2\frac{5}{8}$	40....	$522\frac{1}{4}$ 522.1445
23.....	$2\frac{5}{8}$	50....	$652\frac{3}{8}$ 652.6806
24.....	$2\frac{3}{4}$	60....	$783\frac{1}{4}$ 783.2168
25.....	$2\frac{7}{8}$	70....	$913\frac{3}{4}$ 913.7529
26.....	3.....	80....	$1044\frac{1}{4}$ 1044.2890
27.....	$3\frac{1}{8}$	90....	$1174\frac{7}{8}$ 1174.8252
Qrs.		100....	$1305\frac{3}{8}$ 1305.3613
1.....	$3\frac{1}{4}$	200....	$2610\frac{3}{4}$ 2610.7226
2.....	$6\frac{1}{2}$	300....	$3916\frac{1}{2}$ 3916.0839
3.....	$9\frac{3}{4}$		

Sp. Gr. .860.					
13.0232 Gallons to 1 Cwt.			260.4651 Gallons to 1 Ton.		
Lbs.	Gallons.		Cwts.	Gallons.	
1.....	$\frac{1}{8}$.....	.1163	1....	13	13.0232
2.....	$\frac{1}{4}$.....	.2326	2....	26	26.0465
3.....	$\frac{3}{8}$.....	.3488	3....	$39\frac{1}{8}$	39.0698
4.....	$\frac{1}{2}$.....	.4651	4....	$52\frac{1}{8}$	52.0930
5.....	$\frac{5}{8}$.....	.5814	5....	$65\frac{1}{8}$	65.1163
6.....	$\frac{3}{4}$.....	.6977	6....	$78\frac{1}{8}$	78.1495
7.....	$\frac{7}{8}$.....	.8139	7....	$91\frac{1}{8}$	91.1628
8.....	$\frac{7}{8}$.....	.9302	8....	$104\frac{1}{8}$	104.1860
9.....	1.....	1.0465	9....	$117\frac{1}{4}$	117.2093
10.....	$1\frac{1}{8}$	1.1628	10....	$130\frac{1}{4}$	130.2326
11.....	$1\frac{1}{4}$	1.2791	11....	$143\frac{1}{4}$	143.2558
12.....	$1\frac{3}{8}$	1.3953	12....	$156\frac{1}{4}$	156.2791
13.....	$1\frac{1}{2}$	1.5116	13....	$169\frac{1}{4}$	169.3023
14.....	$1\frac{5}{8}$	1.6279	14....	$182\frac{3}{8}$	182.3256
15.....	$1\frac{3}{4}$	1.7442	15....	$195\frac{3}{8}$	195.3488
16.....	$1\frac{7}{8}$	1.8605	16....	$208\frac{3}{8}$	208.3721
17.....	2.....	1.9767	17....	$221\frac{3}{8}$	221.3953
18.....	$2\frac{1}{8}$	2.0930	18....	$234\frac{3}{8}$	234.4186
19.....	$2\frac{1}{4}$	2.2093	19....	$247\frac{1}{2}$	247.4419
20.....	$2\frac{3}{8}$	2.3256	20....	$260\frac{1}{2}$	260.4651
21.....	$2\frac{1}{2}$	2.4419	30....	$390\frac{3}{4}$	390.6977
22.....	$2\frac{1}{2}$	2.5581	40....	$520\frac{7}{8}$	520.9302
23.....	$2\frac{5}{8}$	2.6744	50....	$651\frac{1}{8}$	651.1628
24.....	$2\frac{3}{4}$	2.7907	60....	$781\frac{3}{8}$	781.3953
25.....	$2\frac{7}{8}$	2.9070	70....	$911\frac{5}{8}$	911.6279
26.....	3.....	3.0233	80....	$1041\frac{7}{8}$	1041.8605
27.....	$3\frac{1}{8}$	3.1395	90....	$1172\frac{1}{8}$	1172.0930
Qrs.					
1.....	$3\frac{1}{4}$	3.2558	100....	$1302\frac{3}{8}$	1302.3256
2.....	$6\frac{1}{2}$	6.5116	200....	$2604\frac{3}{8}$	2604.6512
3.....	$9\frac{3}{4}$	9.7674	300....	3907	3906.9767

Sp. Gr. '862.

12·9930 Gallons to 1 Cwt.

259·8608 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	13 12·9930
2.....	$\frac{1}{4}$	2....	26 25·9861
3.....	$\frac{3}{8}$	3....	39 38·9791
4.....	$\frac{1}{2}$	4....	52 51·9722
5.....	$\frac{5}{8}$	5....	65 64·9652
6.....	$\frac{3}{4}$	6....	78 77·9582
7.....	$\frac{7}{8}$	7....	91 90·9513
8.....	1.....	8....	104 103·9443
9.....	$1\frac{1}{8}$	9....	116 $\frac{7}{8}$ 116·9373
10.....	$1\frac{1}{4}$	10....	129 $\frac{7}{8}$ 129·9304
11.....	$1\frac{3}{8}$	11....	142 $\frac{7}{8}$ 142·9234
12.....	$1\frac{1}{2}$	12....	155 $\frac{7}{8}$ 155·9165
13.....	$1\frac{5}{8}$	13....	168 $\frac{7}{8}$ 168·9035
14.....	$1\frac{3}{4}$	14....	181 $\frac{7}{8}$ 181·9025
15.....	$1\frac{7}{8}$	15....	194 $\frac{7}{8}$ 194·8956
16.....	2.....	16....	207 $\frac{7}{8}$ 207·8886
17.....	$2\frac{1}{8}$	17....	220 $\frac{7}{8}$ 220·8817
18.....	$2\frac{1}{4}$	18....	233 $\frac{7}{8}$ 233·8747
19.....	$2\frac{3}{8}$	19....	246 $\frac{7}{8}$ 246·8677
20.....	$2\frac{1}{2}$	20....	259 $\frac{7}{8}$ 259·8608
21.....	$2\frac{5}{8}$	30....	389 $\frac{3}{4}$ 389·7912
22.....	$2\frac{3}{4}$	40....	519 $\frac{3}{4}$ 519·7216
23.....	$2\frac{7}{8}$	50....	649 $\frac{5}{8}$ 649·6520
24.....	3.....	60....	779 $\frac{5}{8}$ 779·5824
25.....	$3\frac{1}{8}$	70....	909 $\frac{1}{2}$ 909·5128
26.....	$3\frac{1}{4}$	80....	1039 $\frac{1}{2}$ 1039·4431
27.....	$3\frac{3}{8}$	90....	1169 $\frac{3}{8}$ 1169·3735
Qrs.			
1.....	$3\frac{1}{4}$	100....	1299 $\frac{1}{4}$ 1299·3039
2.....	$6\frac{1}{2}$	200....	2598 $\frac{5}{8}$ 2598·6079
3.....	$9\frac{3}{4}$	300....	3897 $\frac{7}{8}$ 3897·9118

Sp. Gr. '864.

12·9630 Gallons to 1 Cwt.

259·2593 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	13 12·9630
2.....	$\frac{1}{4}$	2....	25 $\frac{7}{8}$ 25·9259
3.....	$\frac{3}{8}$	3....	38 $\frac{7}{8}$ 38·8889
4.....	$\frac{1}{2}$	4....	51 $\frac{7}{8}$ 51·8518
5.....	$\frac{5}{8}$	5....	64 $\frac{7}{8}$ 64·8148
6.....	$\frac{3}{4}$	6....	77 $\frac{3}{4}$ 77·7778
7.....	$\frac{3}{4}$	7....	90 $\frac{3}{4}$ 90·7407
8.....	$\frac{7}{8}$	8....	103 $\frac{3}{4}$ 103·7037
9.....	1.....	9....	116 $\frac{5}{8}$ 116·6667
10.....	1 $\frac{1}{8}$	10....	129 $\frac{5}{8}$ 129·6296
11.....	1 $\frac{1}{4}$	11....	142 $\frac{5}{8}$ 142·5926
12.....	1 $\frac{3}{8}$	12....	155 $\frac{1}{2}$ 155·5555
13.....	1 $\frac{1}{2}$	13....	168 $\frac{1}{2}$ 168·5185
14.....	1 $\frac{5}{8}$	14....	181 $\frac{1}{2}$ 181·4815
15.....	1 $\frac{3}{4}$	15....	194 $\frac{1}{2}$ 194·4444
16.....	1 $\frac{7}{8}$	16....	207 $\frac{3}{8}$ 207·4074
17.....	2.....	17....	220 $\frac{3}{8}$ 220·3704
18.....	2 $\frac{1}{8}$	18....	233 $\frac{3}{8}$ 233·3333
19.....	2 $\frac{1}{4}$	19....	246 $\frac{1}{4}$ 246·2963
20.....	2 $\frac{3}{8}$	20....	259 $\frac{1}{4}$ 259·2593
21.....	2 $\frac{3}{8}$	30....	388 $\frac{7}{8}$ 388·8889
22.....	2 $\frac{1}{2}$	40....	518 $\frac{1}{2}$ 518·5185
23.....	2 $\frac{5}{8}$	50....	648 $\frac{1}{8}$ 648·1481
24.....	2 $\frac{3}{4}$	60....	777 $\frac{3}{4}$ 777·7778
25.....	2 $\frac{7}{8}$	70....	907 $\frac{3}{8}$ 907·4074
26.....	3.....	80....	1037 1037·0370
27.....	3 $\frac{1}{8}$	90....	1166 $\frac{5}{8}$ 1166·6667
Qrs.		100....	1296 $\frac{1}{4}$ 1296·2963
1.....	3 $\frac{1}{4}$	200....	2592 $\frac{5}{8}$ 2592·5926
2.....	6 $\frac{1}{2}$	300....	3888 $\frac{7}{8}$ 3888·8889
3.....	9 $\frac{1}{2}$		

Sp. Gr. .866.			
12·9330 Gallons to 1 Cwt.		258·6605 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$12\frac{7}{8}$
2.....	$\frac{1}{4}$	2....	$25\frac{7}{8}$
3.....	$\frac{3}{8}$	3....	$38\frac{3}{4}$
4.....	$\frac{1}{2}$	4....	$51\frac{3}{4}$
5.....	$\frac{5}{8}$	5....	$64\frac{5}{8}$
6.....	$\frac{3}{4}$	6....	$77\frac{5}{8}$
7.....	$\frac{7}{8}$	7....	$90\frac{1}{2}$
8.....	1.....	8....	$103\frac{1}{2}$
9.....	$1\frac{1}{8}$	9....	$116\frac{3}{8}$
10.....	$1\frac{1}{4}$	10....	$129\frac{3}{8}$
11.....	$1\frac{1}{2}$	11....	$142\frac{1}{4}$
12.....	$1\frac{3}{4}$	12....	$155\frac{1}{4}$
13.....	$1\frac{7}{8}$	13....	$168\frac{1}{8}$
14.....	2.....	14....	181
15.....	$2\frac{1}{8}$	15....	194
16.....	$2\frac{1}{4}$	16....	$206\frac{7}{8}$
17.....	$2\frac{1}{2}$	17....	$219\frac{7}{8}$
18.....	$2\frac{3}{4}$	18....	$232\frac{3}{4}$
19.....	$2\frac{7}{8}$	19....	$245\frac{3}{4}$
20.....	3.....	20....	$258\frac{5}{8}$
21.....	$3\frac{1}{8}$	30....	388
22.....	$3\frac{1}{4}$	40....	$517\frac{3}{8}$
23.....	$3\frac{1}{2}$	50....	$646\frac{5}{8}$
24.....	$3\frac{3}{4}$	60....	776
25.....	$3\frac{7}{8}$	70....	$905\frac{1}{4}$
26.....	4.....	80....	$1034\frac{3}{8}$
27.....	$4\frac{1}{8}$	90....	1164
Qrs.			
1.....	$3\frac{1}{4}$	100....	$1293\frac{1}{4}$
2.....	$6\frac{1}{2}$	200....	$2586\frac{5}{8}$
3.....	$9\frac{3}{4}$	300....	$3879\frac{7}{8}$

Sp. Gr. '868.			
12·9032 Gallons to 1 Cwt.		258·0645 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$12\frac{7}{8}$
2.....	$\frac{1}{4}$	2....	$25\frac{1}{4}$
3.....	$\frac{3}{8}$	3....	$38\frac{3}{4}$
4.....	$\frac{1}{2}$	4....	$51\frac{5}{8}$
5.....	$\frac{5}{8}$	5....	$64\frac{1}{2}$
6.....	$\frac{3}{4}$	6....	$77\frac{3}{8}$
7.....	$\frac{7}{8}$	7....	$90\frac{3}{8}$
8.....	1.....	8....	$103\frac{1}{4}$
9.....	$1\frac{1}{8}$	9....	$116\frac{1}{8}$
10.....	$1\frac{1}{4}$	10....	129....
11.....	$1\frac{1}{2}$	11....	$141\frac{7}{8}$
12.....	$1\frac{3}{4}$	12....	$154\frac{7}{8}$
13.....	$1\frac{7}{8}$	13....	$167\frac{3}{4}$
14.....	$1\frac{5}{4}$	14....	$180\frac{5}{8}$
15.....	$1\frac{3}{2}$	15....	$193\frac{1}{2}$
16.....	$1\frac{7}{8}$	16....	$206\frac{1}{2}$
17.....	2.....	17....	$219\frac{3}{8}$
18.....	$2\frac{1}{8}$	18....	$232\frac{1}{4}$
19.....	$2\frac{1}{4}$	19....	$245\frac{1}{8}$
20.....	$2\frac{1}{2}$	20....	$258\frac{1}{8}$
21.....	$2\frac{3}{8}$	30....	$387\frac{1}{8}$
22.....	$2\frac{1}{2}$	40....	$516\frac{1}{8}$
23.....	$2\frac{5}{8}$	50....	$645\frac{1}{8}$
24.....	$2\frac{3}{4}$	60....	$774\frac{1}{4}$
25.....	$2\frac{7}{8}$	70....	$903\frac{1}{4}$
26.....	3.....	80....	$1032\frac{1}{4}$
27.....	$3\frac{1}{8}$	90....	$1161\frac{1}{4}$
Qrs.		100....	$1290\frac{3}{8}$
1.....	$3\frac{1}{4}$	200....	$2580\frac{5}{8}$
2.....	$6\frac{1}{2}$	300....	3871....
3.....	$9\frac{3}{8}$		3870·9677

Sp. Gr. .870.			
12·8736 Gallons to 1 Cwt.		257·4713 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$12\frac{7}{8}$
2.....	$\frac{1}{4}$	2....	$25\frac{3}{4}$
3.....	$\frac{3}{8}$	3....	$38\frac{5}{8}$
4.....	$\frac{1}{2}$	4....	$51\frac{1}{2}$
5.....	$\frac{5}{8}$	5....	$64\frac{3}{8}$
6.....	$\frac{3}{4}$	6....	$77\frac{1}{4}$
7.....	$\frac{7}{8}$	7....	$90\frac{1}{8}$
8.....	1.....	8....	103.....
9.....	$1\frac{1}{8}$	9....	$115\frac{7}{8}$
10.....	$1\frac{1}{4}$	10....	$128\frac{3}{4}$
11.....	$1\frac{1}{2}$	11....	$141\frac{5}{8}$
12.....	$1\frac{3}{4}$	12....	$154\frac{1}{2}$
13.....	$1\frac{7}{8}$	13....	$167\frac{3}{8}$
14.....	2	14....	$180\frac{1}{4}$
15.....	$2\frac{1}{8}$	15....	$193\frac{1}{8}$
16.....	$2\frac{1}{4}$	16....	206.....
17.....	$2\frac{1}{2}$	17....	$218\frac{7}{8}$
18.....	$2\frac{3}{4}$	18....	$231\frac{3}{4}$
19.....	$2\frac{7}{8}$	19....	$244\frac{5}{8}$
20.....	3.....	20....	$257\frac{1}{2}$
21.....	$3\frac{1}{8}$	30....	$386\frac{1}{4}$
22.....	$3\frac{1}{4}$	40....	515.....
23.....	$3\frac{1}{2}$	50....	$643\frac{5}{8}$
24.....	$3\frac{3}{4}$	60....	$772\frac{3}{8}$
25.....	$3\frac{7}{8}$	70....	$901\frac{1}{8}$
26.....	4.....	80....	$1029\frac{7}{8}$
27.....	$4\frac{1}{8}$	90....	$1158\frac{5}{8}$
Qrs.		100....	$1287\frac{3}{8}$
1.....	$3\frac{1}{4}$	200....	$2574\frac{3}{4}$
2.....	$6\frac{3}{4}$	300....	$3862\frac{1}{2}$
3.....	$9\frac{5}{8}$		

Sp. Gr. .872.

12·8440 Gallons to 1 Cwt.

256·8807 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1..... $\frac{1}{8}$	1147	1.... $12\frac{1}{8}$	12·8440
2..... $\frac{1}{4}$	2294	2.... $25\frac{1}{4}$	25·6881
3..... $\frac{3}{8}$	3440	3.... $38\frac{1}{2}$	38·5321
4..... $\frac{1}{2}$	4587	4.... $51\frac{3}{8}$	51·3761
5..... $\frac{5}{8}$	5734	5.... $64\frac{1}{4}$	64·2202
6..... $\frac{3}{4}$	6881	6.... $77\frac{1}{8}$	77·0642
7..... $\frac{7}{8}$	8027	7.... $89\frac{1}{8}$	89·9083
8.....1.....	9174	8.... $102\frac{1}{4}$	102·7523
9..... $1\frac{1}{8}$	1·0321	9.... $115\frac{1}{8}$	115·5963
10..... $1\frac{1}{4}$	1·1468	10.... $128\frac{1}{2}$	128·4404
11..... $1\frac{1}{2}$	1·2615	11.... $141\frac{1}{4}$	141·2844
12..... $1\frac{3}{8}$	1·3761	12.... $154\frac{1}{8}$	154·1284
13..... $1\frac{1}{2}$	1·4908	13....167....	166·9725
14..... $1\frac{5}{8}$	1·6055	14.... $179\frac{1}{8}$	179·8165
15..... $1\frac{3}{4}$	1·7202	15.... $192\frac{5}{8}$	192·6605
16..... $1\frac{7}{8}$	1·8349	16.... $205\frac{1}{2}$	205·5046
17.....2.....	1·9495	17.... $218\frac{3}{8}$	218·3486
18..... $2\frac{1}{8}$	2·0642	18.... $231\frac{1}{4}$	231·1927
19..... $2\frac{1}{4}$	2·1789	19....244....	244·0367
20..... $2\frac{1}{2}$	2·2936	20.... $256\frac{7}{8}$	256·8807
21..... $2\frac{3}{8}$	2·4083	30.... $385\frac{3}{8}$	385·3211
22..... $2\frac{1}{2}$	2·5229	40.... $513\frac{3}{4}$	513·7615
23..... $2\frac{5}{8}$	2·6376	50.... $642\frac{1}{4}$	642·2018
24..... $2\frac{3}{4}$	2·7523	60.... $770\frac{5}{8}$	770·6422
25..... $2\frac{7}{8}$	2·8670	70.... $899\frac{1}{8}$	899·0826
26.....3.....	2·9816	80.... $1027\frac{1}{2}$	1027·5229
27..... $3\frac{1}{8}$	3·0963	90....1156....	1155·9633
Qrs.			
1..... $3\frac{1}{4}$	3·2110	100.... $1284\frac{3}{8}$	1284·4037
2..... $6\frac{1}{2}$	6·4220	200.... $2568\frac{3}{4}$	2568·8073
3..... $9\frac{3}{8}$	9·6330	300.... $3853\frac{1}{4}$	3853·2110

Sp. Gr. .874.			
12·8146 Gallons to 1 Cwt.		256·2929 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	12 $\frac{7}{8}$
2.....	$\frac{1}{4}$	2....	25 $\frac{5}{8}$
3.....	$\frac{3}{8}$	3....	38 $\frac{1}{2}$
4.....	$\frac{1}{2}$	4....	51 $\frac{1}{4}$
5.....	$\frac{5}{8}$	5....	64 $\frac{1}{8}$
6.....	$\frac{3}{4}$	6....	76 $\frac{7}{8}$
7.....	$\frac{7}{8}$	7....	89 $\frac{3}{4}$
8.....	1.....	8....	102 $\frac{1}{2}$
9.....	1.....	9....	115 $\frac{3}{8}$
10.....	1 $\frac{1}{8}$	10....	128 $\frac{1}{8}$
11.....	1 $\frac{1}{4}$	11....	141.....
12.....	1 $\frac{3}{8}$	12....	153 $\frac{3}{4}$
13.....	1 $\frac{1}{2}$	13....	166 $\frac{5}{8}$
14.....	1 $\frac{5}{8}$	14....	179 $\frac{3}{8}$
15.....	1 $\frac{3}{4}$	15....	192 $\frac{1}{4}$
16.....	1 $\frac{7}{8}$	16....	205.....
17.....	2.....	17....	217 $\frac{7}{8}$
18.....	2.....	18....	230 $\frac{5}{8}$
19.....	2 $\frac{1}{8}$	19....	243 $\frac{1}{2}$
20.....	2 $\frac{1}{4}$	20....	256 $\frac{1}{4}$
21.....	2 $\frac{3}{8}$	30....	384 $\frac{1}{2}$
22.....	2 $\frac{1}{2}$	40....	512 $\frac{5}{8}$
23.....	2 $\frac{5}{8}$	50....	640 $\frac{3}{4}$
24.....	2 $\frac{3}{4}$	60....	768 $\frac{7}{8}$
25.....	2 $\frac{7}{8}$	70....	897.....
26.....	3.....	80....	1025 $\frac{1}{8}$
27.....	3 $\frac{1}{8}$	90....	1153 $\frac{3}{8}$
Qrs.		100....	1281 $\frac{1}{2}$
1.....	3 $\frac{1}{4}$	200....	2562 $\frac{7}{8}$
2.....	6 $\frac{3}{8}$	300....	3844 $\frac{1}{8}$
3.....	9 $\frac{5}{8}$		

Sp. Gr. .876.

12·7854 Gallons to 1 Cwt.

255·7078 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$12\frac{3}{4}$ 12·7854
2.....	$\frac{1}{4}$	2....	$25\frac{5}{8}$ 25·5708
3.....	$\frac{3}{8}$	3....	$38\frac{3}{8}$ 38·3562
4.....	$\frac{1}{2}$	4....	$51\frac{1}{8}$ 51·1415
5.....	$\frac{5}{8}$	5....	$63\frac{7}{8}$ 63·9270
6.....	$\frac{5}{8}$	6....	$76\frac{3}{4}$ 76·7123
7.....	$\frac{3}{4}$	7....	$89\frac{1}{2}$ 89·4977
8.....	$\frac{7}{8}$	8....	$102\frac{1}{4}$ 102·2831
9.....	1.....	9....	$115\frac{1}{8}$ 115·0685
10.....	$1\frac{1}{8}$	10....	$127\frac{7}{8}$ 127·8539
11.....	$1\frac{1}{4}$	11....	$140\frac{5}{8}$ 140·6393
12.....	$1\frac{3}{8}$	12....	$153\frac{3}{8}$ 153·4247
13.....	$1\frac{1}{2}$	13....	$166\frac{1}{4}$ 166·2100
14.....	$1\frac{5}{8}$	14....	179 178·9954
15.....	$1\frac{3}{4}$	15....	$191\frac{3}{4}$ 191·7808
16.....	$1\frac{7}{8}$	16....	$204\frac{5}{8}$ 204·5662
17.....	2.....	17....	$217\frac{3}{8}$ 217·3516
18.....	2.....	18....	$230\frac{1}{8}$ 230·1370
19.....	$2\frac{1}{8}$	19....	$242\frac{7}{8}$ 242·9224
20.....	$2\frac{1}{4}$	20....	$255\frac{3}{4}$ 255·7078
21.....	$2\frac{3}{8}$	30....	$383\frac{1}{2}$ 383·5616
22.....	$2\frac{1}{2}$	40....	$511\frac{3}{8}$ 511·4155
23.....	$2\frac{5}{8}$	50....	$639\frac{1}{4}$ 639·2694
24.....	$2\frac{3}{4}$	60....	$767\frac{1}{8}$ 767·1233
25.....	$2\frac{7}{8}$	70....	895 894·9772
26.....	3.....	80....	$1022\frac{7}{8}$ 1022·8310
27.....	$3\frac{1}{8}$	90....	$1150\frac{5}{8}$ 1150·6849
Qrs.			
1.....	$3\frac{1}{4}$	100....	$1278\frac{1}{2}$ 1278·5388
2.....	$6\frac{3}{8}$	200....	$2557\frac{1}{8}$ 2557·0776
3.....	$9\frac{5}{8}$	300....	$3835\frac{5}{8}$ 3835·6164

Sp. Gr. .878.			
12·7563 Gallons to 1 Cwt.		255·1253 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$12\frac{3}{4}$ 12·7563
2.....	$\frac{1}{4}$	2....	$25\frac{1}{2}$ 25·5125
3.....	$\frac{3}{8}$	3....	$38\frac{1}{4}$ 38·2688
4.....	$\frac{1}{2}$	4....	51 51·0251
5.....	$\frac{5}{8}$	5....	$63\frac{3}{4}$ 63·7813
6.....	$\frac{3}{4}$	6....	$76\frac{1}{2}$ 76·5376
7.....	$\frac{7}{8}$	7....	$89\frac{1}{4}$ 89·2938
8.....	1.....	8....	102 102·0510
9.....	$1\frac{1}{8}$	9....	$114\frac{3}{4}$ 114·8064
10.....	$1\frac{1}{4}$	10....	$127\frac{5}{8}$ 127·5626
11.....	$1\frac{1}{2}$	11....	$140\frac{3}{8}$ 140·3189
12.....	$1\frac{3}{4}$	12....	$153\frac{1}{8}$ 153·0752
13.....	$1\frac{7}{8}$	13....	$165\frac{7}{8}$ 165·8314
14.....	2	14....	$178\frac{5}{8}$ 178·5877
15.....	$2\frac{1}{8}$	15....	$191\frac{3}{8}$ 191·3440
16.....	$2\frac{1}{4}$	16....	$204\frac{1}{8}$ 204·1002
17.....	$2\frac{3}{8}$	17....	$216\frac{7}{8}$ 216·8565
18.....	$2\frac{1}{2}$	18....	$229\frac{5}{8}$ 229·6128
19.....	$2\frac{5}{8}$	19....	$242\frac{3}{8}$ 242·3690
20.....	$2\frac{3}{4}$	20....	$255\frac{1}{8}$ 255·1253
21.....	$2\frac{7}{8}$	30....	$382\frac{3}{4}$ 382·6879
22.....	3	40....	$510\frac{1}{4}$ 510·2506
23.....	$3\frac{1}{8}$	50....	$637\frac{7}{8}$ 637·8132
24.....	$3\frac{1}{4}$	60....	$765\frac{3}{8}$ 765·3758
25.....	$3\frac{3}{8}$	70....	893 892·9385
26.....	$3\frac{1}{2}$	80....	$1020\frac{1}{2}$ 1020·5011
27.....	$3\frac{5}{8}$	90....	$1148\frac{1}{8}$ 1148·0638
Qrs.			
1.....	$3\frac{1}{4}$	100....	$1275\frac{5}{8}$ 1275·6264
2.....	$6\frac{3}{8}$	200....	$2551\frac{1}{4}$ 2551·2528
3.....	$9\frac{5}{8}$	300....	$3826\frac{7}{8}$ 3826·8793

OIL TRADE CALCULATOR

91

Sp. Gr. .880.			
12·7273 Gallons to 1 Cwt.		254·5454 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$12\frac{3}{4}$
2.....	$\frac{1}{4}$	2....	$25\frac{1}{2}$
3.....	$\frac{3}{8}$	3....	$38\frac{1}{8}$
4.....	$\frac{1}{2}$	4....	$50\frac{7}{8}$
5.....	$\frac{5}{8}$	5....	$63\frac{5}{8}$
6.....	$\frac{3}{4}$	6....	$76\frac{3}{8}$
7.....	$\frac{7}{8}$	7....	$89\frac{1}{8}$
8.....	1.....	8....	$101\frac{7}{8}$
9.....	$1\frac{1}{8}$	9....	$114\frac{1}{2}$
10.....	$1\frac{1}{4}$	10....	$127\frac{1}{4}$
11.....	$1\frac{1}{2}$	11....	140.....
12.....	$1\frac{3}{4}$	12....	$152\frac{3}{4}$
13.....	$1\frac{7}{8}$	13....	$165\frac{1}{2}$
14.....	$1\frac{5}{4}$	14....	$178\frac{1}{8}$
15.....	$1\frac{3}{2}$	15....	$190\frac{7}{8}$
16.....	$1\frac{7}{8}$	16....	$203\frac{5}{8}$
17.....	$1\frac{1}{2}$	17....	$216\frac{3}{8}$
18.....	2.....	18....	$229\frac{1}{8}$
19.....	$2\frac{1}{8}$	19....	$241\frac{7}{8}$
20.....	$2\frac{1}{4}$	20....	$254\frac{1}{2}$
21.....	$2\frac{3}{8}$	30....	$381\frac{1}{8}$
22.....	$2\frac{1}{2}$	40....	$509\frac{1}{8}$
23.....	$2\frac{5}{8}$	50....	$636\frac{3}{8}$
24.....	$2\frac{3}{4}$	60....	$763\frac{5}{8}$
25.....	$2\frac{7}{8}$	70....	$890\frac{7}{8}$
26.....	3.....	80....	$1018\frac{1}{8}$
27.....	$3\frac{1}{8}$	90....	$1145\frac{1}{2}$
Qrs.			
1.....	$3\frac{1}{8}$	100....	$1272\frac{3}{4}$
2.....	$6\frac{3}{8}$	200....	$2545\frac{1}{2}$
3.....	$9\frac{1}{2}$	300....	$3818\frac{1}{8}$

Sp. Gr. .882.					
12.6984 Gallons to 1 Cwt.			253.9682 Gallons to 1 Ton.		
Lbs.	Gallons.		Cwts.	Gallons.	
1.....	$\frac{1}{8}$.....	.1134	1....	$12\frac{3}{4}$	12.6984
2.....	$\frac{1}{4}$.....	.2268	2....	$25\frac{3}{8}$	25.3968
3.....	$\frac{3}{8}$.....	.3401	3....	$38\frac{1}{8}$	38.0952
4.....	$\frac{1}{2}$.....	.4535	4....	$50\frac{3}{4}$	50.7936
5.....	$\frac{5}{8}$.....	.5669	5....	$63\frac{1}{2}$	63.4921
6.....	$\frac{5}{8}$.....	.6803	6....	$76\frac{1}{4}$	76.1905
7.....	$\frac{3}{4}$.....	.7936	7....	$88\frac{7}{8}$	88.8889
8.....	$\frac{7}{8}$.....	.9070	8....	$101\frac{5}{8}$	101.5873
9.....	1.....	1.0204	9....	$114\frac{1}{4}$	114.2857
10.....	$1\frac{1}{8}$	1.1338	10....	127....	126.9841
11.....	$1\frac{1}{4}$	1.2472	11....	$139\frac{5}{8}$	139.6825
12.....	$1\frac{3}{8}$	1.3605	12....	$152\frac{3}{8}$	152.3809
13.....	$1\frac{1}{2}$	1.4739	13....	$165\frac{1}{8}$	165.0794
14.....	$1\frac{5}{8}$	1.5873	14....	$177\frac{3}{4}$	177.7778
15.....	$1\frac{3}{4}$	1.7007	15....	$190\frac{1}{2}$	190.4762
16.....	$1\frac{7}{8}$	1.8141	16....	$203\frac{1}{8}$	203.1746
17.....	$1\frac{7}{8}$	1.9274	17....	$215\frac{7}{8}$	215.8730
18.....	2.....	2.0408	18....	$228\frac{5}{8}$	228.5714
19.....	$2\frac{1}{8}$	2.1542	19....	$241\frac{1}{4}$	241.2698
20.....	$2\frac{1}{4}$	2.2676	20....	254....	253.9682
21.....	$2\frac{3}{8}$	2.3809	30....	381....	380.9524
22.....	$2\frac{1}{2}$	2.4943	40....	$507\frac{7}{8}$	507.9365
23.....	$2\frac{5}{8}$	2.6077	50....	$634\frac{7}{8}$	634.9206
24.....	$2\frac{3}{4}$	2.7211	60....	$761\frac{7}{8}$	761.9048
25.....	$2\frac{7}{8}$	2.8345	70....	$888\frac{7}{8}$	888.8889
26.....	3.....	2.9478	80....	$1015\frac{7}{8}$	1015.8730
27.....	3.....	3.0612	90....	$1142\frac{7}{8}$	1142.8571
Qrs.					
1.....	$3\frac{1}{8}$	3.1746	100....	$1269\frac{7}{8}$	1269.8413
2.....	$6\frac{3}{8}$	6.3492	200....	$2539\frac{5}{8}$	2539.6825
3.....	$9\frac{1}{2}$	9.5238	300....	$3809\frac{1}{2}$	3809.5238

Sp. Gr. .884.			
12·6697 Gallons to 1 Cwt.		253·3937 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$12\frac{5}{8}$
2.....	$\frac{1}{4}$	2....	$25\frac{3}{8}$
3.....	$\frac{3}{8}$	3....	38
4.....	$\frac{1}{2}$	4....	$50\frac{5}{8}$
5.....	$\frac{5}{8}$	5....	$63\frac{3}{8}$
6.....	$\frac{5}{8}$	6....	76
7.....	$\frac{3}{4}$	7....	$88\frac{1}{4}$
8.....	$\frac{7}{8}$	8....	$101\frac{3}{8}$
9.....	1	9....	114
10.....	$1\frac{1}{8}$	10....	$126\frac{3}{4}$
11.....	$1\frac{1}{4}$	11....	$139\frac{3}{8}$
12.....	$1\frac{3}{8}$	12....	152
13.....	$1\frac{1}{2}$	13....	$164\frac{3}{4}$
14.....	$1\frac{5}{8}$	14....	$177\frac{3}{8}$
15.....	$1\frac{3}{4}$	15....	190
16.....	$1\frac{3}{4}$	16....	$202\frac{3}{4}$
17.....	$1\frac{7}{8}$	17....	$215\frac{3}{8}$
18.....	2	18....	228
19.....	$2\frac{1}{8}$	19....	$240\frac{3}{4}$
20.....	$2\frac{1}{4}$	20....	$253\frac{3}{8}$
21.....	$2\frac{3}{8}$	30....	$380\frac{1}{8}$
22.....	$2\frac{1}{2}$	40....	$506\frac{3}{4}$
23.....	$2\frac{5}{8}$	50....	$633\frac{1}{2}$
24.....	$2\frac{3}{4}$	60....	$760\frac{1}{8}$
25.....	$2\frac{7}{8}$	70....	$886\frac{7}{8}$
26.....	3	80....	$1013\frac{3}{8}$
27.....	3	90....	$1140\frac{1}{4}$
Qrs.		100....	1267
1.....	$3\frac{1}{8}$	200....	$2533\frac{7}{8}$
2.....	$6\frac{3}{8}$	300....	$3800\frac{7}{8}$
3.....	$9\frac{1}{2}$		

Sp. Gr. .886.			
12·6411 Gallons to 1 Cwt.		252·8217 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$12\frac{5}{8}$
2.....	$\frac{1}{4}$	2....	$25\frac{1}{4}$
3.....	$\frac{3}{8}$	3....	$37\frac{7}{8}$
4.....	$\frac{1}{2}$	4....	$50\frac{3}{8}$
5.....	$\frac{5}{8}$	5....	$63\frac{1}{4}$
6.....	$\frac{5}{8}$	6....	$75\frac{7}{8}$
7.....	$\frac{3}{4}$	7....	$88\frac{1}{2}$
8.....	$\frac{7}{8}$	8....	$101\frac{1}{8}$
9.....	1.....	9....	$113\frac{3}{4}$
10.....	$1\frac{1}{8}$	10....	$126\frac{3}{8}$
11.....	$1\frac{1}{4}$	11....	139
12.....	$1\frac{3}{8}$	12....	$151\frac{3}{4}$
13.....	$1\frac{1}{2}$	13....	$164\frac{3}{8}$
14.....	$1\frac{5}{8}$	14....	177
15.....	$1\frac{3}{4}$	15....	$189\frac{5}{8}$
16.....	$1\frac{3}{4}$	16....	$202\frac{1}{4}$
17.....	$1\frac{7}{8}$	17....	$214\frac{7}{8}$
18.....	2.....	18....	$227\frac{1}{2}$
19.....	$2\frac{1}{8}$	19....	$240\frac{1}{8}$
20.....	$2\frac{1}{4}$	20....	$252\frac{7}{8}$
21.....	$2\frac{3}{8}$	30....	$379\frac{1}{4}$
22.....	$2\frac{1}{2}$	40....	$505\frac{3}{8}$
23.....	$2\frac{5}{8}$	50....	632
24.....	$2\frac{3}{4}$	60....	$758\frac{1}{2}$
25.....	$2\frac{7}{8}$	70....	$884\frac{7}{8}$
26.....	$2\frac{7}{8}$	80....	$1011\frac{1}{4}$
27.....	3.....	90....	$1137\frac{3}{4}$
Qrs.			
1.....	$3\frac{1}{8}$	100....	$1264\frac{1}{8}$
2.....	$6\frac{3}{8}$	200....	$2528\frac{1}{4}$
3.....	$9\frac{1}{2}$	300....	$3792\frac{3}{8}$

OIL TRADE CALCULATOR

95

Sp. Gr. '888.

12·6126 Gallons to 1 Cwt.

252·2522 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$12\frac{5}{8}$ 12·6126
2.....	$\frac{1}{4}$	2....	$25\frac{1}{4}$ 25·2252
3.....	$\frac{3}{8}$	3....	$37\frac{7}{8}$ 37·8378
4.....	$\frac{1}{2}$	4....	$50\frac{1}{2}$ 50·4504
5.....	$\frac{5}{8}$	5....	$63\frac{1}{8}$ 63·0631
6.....	$\frac{6}{8}$	6....	$75\frac{3}{8}$ 75·6757
7.....	$\frac{3}{4}$	7....	$88\frac{1}{4}$ 88·2883
8.....	$\frac{7}{8}$	8....	$100\frac{7}{8}$ 100·9009
9.....	1.....	9....	$113\frac{1}{2}$ 113·5135
10.....	$1\frac{1}{8}$	10....	$126\frac{3}{8}$ 126·1261
11.....	$1\frac{1}{4}$	11....	$138\frac{3}{4}$ 138·7387
12.....	$1\frac{3}{8}$	12....	$151\frac{3}{8}$ 151·3513
13.....	$1\frac{1}{2}$	13....	164 163·9640
14.....	$1\frac{5}{8}$	14....	$176\frac{5}{8}$ 176·5766
15.....	$1\frac{3}{4}$	15....	$189\frac{1}{4}$ 189·1892
16.....	$1\frac{7}{8}$	16....	$201\frac{3}{4}$ 201·8018
17.....	$1\frac{7}{8}$	17....	$214\frac{3}{8}$ 214·4144
18.....	2.....	18....	227 227·0270
19.....	$2\frac{1}{8}$	19....	$239\frac{5}{8}$ 239·6396
20.....	$2\frac{1}{4}$	20....	$252\frac{1}{4}$ 252·2522
21.....	$2\frac{3}{8}$	30....	$378\frac{3}{8}$ 378·3784
22.....	$2\frac{1}{2}$	40....	$504\frac{1}{2}$ 504·5045
23.....	$2\frac{5}{8}$	50....	$630\frac{5}{8}$ 630·6306
24.....	$2\frac{3}{4}$	60....	$756\frac{3}{4}$ 756·7568
25.....	$2\frac{7}{8}$	70....	$882\frac{7}{8}$ 882·8829
26.....	$2\frac{7}{8}$	80....	1009 1009·0090
27.....	3.....	90....	$1135\frac{1}{8}$ 1135·1351
Qrs.			
1.....	$3\frac{1}{8}$	100....	$1261\frac{1}{4}$ 1261·2613
2.....	$6\frac{1}{4}$	200....	$2522\frac{1}{2}$ 2522·5225
3.....	$9\frac{1}{2}$	300....	$3783\frac{3}{4}$ 3783·7838

Sp. Gr. .890.			
12·5843 Gallons to 1 Cwt.		251·6854 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$12\frac{5}{8}$ 12·5843
2.....	$\frac{1}{4}$	2....	$25\frac{1}{8}$ 25·1685
3.....	$\frac{3}{8}$	3....	$37\frac{3}{8}$ 37·7528
4.....	$\frac{1}{2}$	4....	$50\frac{3}{8}$ 50·3371
5.....	$\frac{1}{2}$	5....	$62\frac{7}{8}$ 62·9213
6.....	$\frac{5}{8}$	6....	$75\frac{1}{2}$ 75·5056
7.....	$\frac{3}{4}$	7....	$88\frac{1}{8}$ 88·0899
8.....	$\frac{7}{8}$	8....	$100\frac{5}{8}$ 100·6742
9.....	1.....	9....	$113\frac{3}{8}$ 113·3584
10.....	$1\frac{1}{8}$	10....	$125\frac{7}{8}$ 125·8427
11.....	$1\frac{1}{4}$	11....	$138\frac{3}{8}$ 138·4270
12.....	$1\frac{3}{8}$	12....	151 151·0112
13.....	$1\frac{1}{2}$	13....	$163\frac{5}{8}$ 163·5955
14.....	$1\frac{5}{8}$	14....	$176\frac{1}{8}$ 176·1798
15.....	$1\frac{3}{4}$	15....	$188\frac{3}{4}$ 188·7640
16.....	$1\frac{7}{8}$	16....	$201\frac{3}{8}$ 201·3483
17.....	$1\frac{7}{8}$	17....	$213\frac{7}{8}$ 213·9326
18.....	2.....	18....	$226\frac{1}{2}$ 226·5168
19.....	$2\frac{1}{8}$	19....	$239\frac{1}{8}$ 239·1011
20.....	$2\frac{1}{4}$	20....	$251\frac{5}{8}$ 251·6854
21.....	$2\frac{3}{8}$	30....	$377\frac{1}{2}$ 377·5281
22.....	$2\frac{1}{2}$	40....	$503\frac{3}{8}$ 503·3708
23.....	$2\frac{5}{8}$	50....	$629\frac{1}{4}$ 629·2135
24.....	$2\frac{3}{4}$	60....	755 755·0562
25.....	$2\frac{3}{4}$	70....	$880\frac{7}{8}$ 880·8989
26.....	$2\frac{7}{8}$	80....	$1006\frac{3}{4}$ 1006·7416
27.....	3.....	90....	$1132\frac{5}{8}$ 1132·5843
Qrs.			
1.....	$3\frac{1}{8}$	100....	$1258\frac{3}{8}$ 1258·4270
2.....	$6\frac{1}{4}$	200....	$2516\frac{7}{8}$ 2516·8539
3.....	$9\frac{1}{2}$	300....	$3775\frac{1}{4}$ 3775·2809

OIL TRADE CALCULATOR

97

Sp. Gr. .892.			
12·5560 Gallons to 1 Cwt.		251·1211 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	12 $\frac{1}{2}$ 12·5560
2.....	$\frac{1}{4}$	2....	25 $\frac{1}{8}$ 25·1121
3.....	$\frac{3}{8}$	3....	37 $\frac{5}{8}$ 37·6682
4.....	$\frac{1}{2}$	4....	50 $\frac{1}{4}$ 50·2242
5.....	$\frac{5}{8}$	5....	62 $\frac{3}{4}$ 62·7803
6.....	$\frac{3}{4}$	6....	75 $\frac{3}{8}$ 75·3363
7.....	$\frac{7}{8}$	7....	87 $\frac{7}{8}$ 87·8924
8.....	1.....	8....	100 $\frac{1}{2}$ 100·4484
9.....	1.....	9....	113..... 113·0045
10.....	1 $\frac{1}{8}$	10....	125 $\frac{1}{2}$ 125·5605
11.....	1 $\frac{1}{4}$	11....	138 $\frac{1}{8}$ 138·1166
12.....	1 $\frac{3}{8}$	12....	150 $\frac{5}{8}$ 150·6726
13.....	1 $\frac{1}{2}$	13....	163 $\frac{1}{4}$ 163·2287
14.....	1 $\frac{5}{8}$	14....	175 $\frac{3}{4}$ 175·7847
15.....	1 $\frac{3}{4}$	15....	188 $\frac{3}{8}$ 188·3408
16.....	1 $\frac{7}{8}$	16....	200 $\frac{7}{8}$ 200·8969
17.....	2.....	17....	213 $\frac{1}{2}$ 213·4529
18.....	2.....	18....	226..... 226·0090
19.....	2 $\frac{1}{8}$	19....	238 $\frac{5}{8}$ 238·5650
20.....	2 $\frac{1}{4}$	20....	251 $\frac{1}{4}$ 251·1211
21.....	2 $\frac{3}{8}$	30....	376 $\frac{5}{8}$ 376·6816
22.....	2 $\frac{1}{2}$	40....	502 $\frac{1}{4}$ 502·2421
23.....	2 $\frac{5}{8}$	50....	627 $\frac{3}{4}$ 627·8027
24.....	2 $\frac{3}{4}$	60....	753 $\frac{3}{8}$ 753·3632
25.....	2 $\frac{7}{8}$	70....	878 $\frac{7}{8}$ 878·9238
26.....	3.....	80....	1004 $\frac{1}{2}$ 1004·4843
27.....	3.....	90....	1130..... 1130·0448
Qrs.			
1.....	3 $\frac{1}{8}$	100....	1255 $\frac{5}{8}$ 1255·6054
2.....	6 $\frac{1}{4}$	200....	2511 $\frac{1}{4}$ 2511·2103
3.....	9 $\frac{3}{8}$	300....	3766 $\frac{3}{8}$ 3766·8161

Sp. Gr. '894.					
12·5280 Gallons to 1 Cwt.			250·5593 Gallons to 1 Ton.		
Lbs.	Gallons.	Cwts.		Gallons.	
1.....	$\frac{1}{8}$	·1119	1....	$12\frac{1}{2}$	12·5280
2.....	$\frac{1}{4}$	·2237	2....	25....	25·0559
3.....	$\frac{3}{8}$	·3356	3....	$37\frac{1}{2}$	37·5839
4.....	$\frac{1}{2}$	·4474	4....	$50\frac{1}{8}$	50·1119
5.....	$\frac{5}{8}$	·5593	5....	$62\frac{5}{8}$	62·6398
6.....	$\frac{3}{4}$	·6711	6....	$75\frac{1}{8}$	75·1678
7.....	$\frac{7}{8}$	·7830	7....	$87\frac{3}{4}$	87·6957
8.....	1.....	·8948	8....	$100\frac{1}{4}$	100·2237
9.....	$1\frac{1}{8}$	1·0067	9....	$112\frac{3}{4}$	112·7517
10.....	$1\frac{1}{4}$	1·1186	10....	$125\frac{1}{4}$	125·2796
11.....	$1\frac{1}{2}$	1·2304	11....	$137\frac{3}{4}$	137·8076
12.....	$1\frac{3}{8}$	1·3423	12....	$150\frac{3}{8}$	150·3356
13.....	$1\frac{1}{2}$	1·4541	13....	$162\frac{7}{8}$	162·8635
14.....	$1\frac{5}{8}$	1·5660	14....	$175\frac{3}{8}$	175·3915
15.....	$1\frac{3}{4}$	1·6778	15....	$187\frac{7}{8}$	187·9195
16.....	$1\frac{7}{8}$	1·7897	16....	$200\frac{1}{2}$	200·4474
17.....	2.....	1·9016	17....	213....	212·9754
18.....	$2\frac{1}{8}$	2·0134	18....	$225\frac{1}{2}$	225·5034
19.....	$2\frac{1}{4}$	2·1253	19....	238....	238·0313
20.....	$2\frac{1}{2}$	2·2371	20....	$250\frac{1}{2}$	250·5593
21.....	$2\frac{3}{8}$	2·3490	30....	$375\frac{7}{8}$	375·8389
22.....	$2\frac{1}{2}$	2·4608	40....	$501\frac{1}{8}$	501·1186
23.....	$2\frac{5}{8}$	2·5727	50....	$626\frac{3}{8}$	626·3982
24.....	$2\frac{3}{4}$	2·6846	60....	$751\frac{5}{8}$	751·6778
25.....	$2\frac{7}{8}$	2·7964	70....	877....	876·9575
26.....	3.....	2·9083	80....	$1002\frac{1}{4}$	1002·2371
27.....	$3\frac{1}{8}$	3·0201	90....	$1127\frac{1}{2}$	1127·5168
Qrs.					
1.....	$3\frac{1}{8}$	3·1320	100....	$1252\frac{3}{4}$	1252·7964
2.....	$6\frac{1}{4}$	6·2640	200....	$2505\frac{5}{8}$	2505·5928
3.....	$9\frac{3}{8}$	9·3960	300....	$3758\frac{3}{8}$	3758·3893

OIL TRADE CALCULATOR

99

Sp. Gr. .896.			
12·5000 Gallons to 1 Cwt.		250·0000 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$12\frac{1}{2}$
2.....	$\frac{1}{4}$	2....	25
3.....	$\frac{3}{8}$	3....	$37\frac{1}{2}$
4.....	$\frac{1}{2}$	4....	50
5.....	$\frac{5}{8}$	5....	$62\frac{1}{2}$
6.....	$\frac{3}{4}$	6....	75
7.....	$\frac{7}{8}$	7....	$87\frac{1}{2}$
8.....	1.....	8....	100
9.....	$1\frac{1}{8}$	9....	$112\frac{1}{2}$
10.....	$1\frac{1}{4}$	10....	125
11.....	$1\frac{1}{2}$	11....	$137\frac{1}{2}$
12.....	$1\frac{3}{4}$	12....	150
13.....	$1\frac{7}{8}$	13....	$162\frac{1}{2}$
14.....	$1\frac{9}{16}$	14....	175
15.....	$1\frac{5}{8}$	15....	$187\frac{1}{2}$
16.....	$1\frac{3}{4}$	16....	200
17.....	$1\frac{7}{8}$	17....	$212\frac{1}{2}$
18.....	2.....	18....	225
19.....	$2\frac{1}{8}$	19....	$237\frac{1}{2}$
20.....	$2\frac{1}{4}$	20....	250
21.....	$2\frac{3}{8}$	30....	375
22.....	$2\frac{1}{2}$	40....	500
23.....	$2\frac{5}{8}$	50....	625
24.....	$2\frac{3}{4}$	60....	750
25.....	$2\frac{7}{8}$	70....	875
26.....	$3\frac{1}{8}$	80....	1000
27.....	3.....	90....	1125
Qrs.		100....	1250
1.....	$3\frac{1}{8}$	200....	2500
2.....	$6\frac{1}{4}$	300....	3750
3.....	$9\frac{3}{8}$		

Sp. Gr. .898.			
12·4722 Gallons to 1 Cwt.		249·4432 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1..... $\frac{1}{8}$	·1111	1.... $12\frac{1}{2}$	12·4722
2..... $\frac{1}{4}$	·2227	2....25....	24·9413
3..... $\frac{3}{8}$	·3341	3.... $37\frac{3}{8}$	37·4165
4..... $\frac{1}{2}$	·4451	4.... $49\frac{7}{8}$	49·8886
5..... $\frac{5}{8}$	·5568	5.... $62\frac{3}{8}$	62·3608
6..... $\frac{3}{4}$	·6681	6.... $74\frac{7}{8}$	74·8330
7..... $\frac{7}{8}$	·7795	7.... $87\frac{1}{4}$	87·3051
8.....1.....	·8909	8.... $99\frac{3}{4}$	99·7773
9..... $1\frac{1}{8}$	1·0022	9.... $112\frac{1}{4}$	112·2494
10..... $1\frac{1}{4}$	1·1136	10.... $124\frac{3}{4}$	124·7216
11..... $1\frac{3}{8}$	1·2249	11.... $137\frac{1}{4}$	137·1938
12..... $1\frac{1}{2}$	1·3363	12.... $149\frac{5}{8}$	149·6659
13..... $1\frac{5}{8}$	1·4477	13.... $162\frac{1}{8}$	162·1381
14..... $1\frac{3}{4}$	1·5590	14.... $174\frac{5}{8}$	174·6102
15..... $1\frac{7}{8}$	1·6704	15.... $187\frac{1}{8}$	187·0824
16..... 2	1·7817	16.... $199\frac{1}{2}$	199·5546
17..... $2\frac{1}{8}$	1·8931	17....212....	212·0267
18..... $2\frac{1}{4}$	2·0044	18.... $224\frac{1}{2}$	224·4989
19..... $2\frac{3}{8}$	2·1158	19....237....	236·9710
20..... $2\frac{1}{2}$	2·2272	20.... $249\frac{1}{2}$	249·4432
21..... $2\frac{5}{8}$	2·3385	30.... $374\frac{1}{8}$	374·1648
22..... $2\frac{3}{4}$	2·4499	40.... $498\frac{7}{8}$	498·8864
23..... $2\frac{7}{8}$	2·5612	50.... $623\frac{5}{8}$	623·6080
24..... 3	2·6726	60.... $748\frac{3}{8}$	748·3296
25..... $3\frac{1}{8}$	2·7840	70....873....	873·0512
26..... $3\frac{1}{4}$	2·8953	80.... $997\frac{3}{4}$	997·7728
27..... $3\frac{3}{8}$	3·0067	90.... $1122\frac{1}{2}$	1122·4944
Qrs.			
1..... $3\frac{1}{8}$	3·1180	100.... $1247\frac{1}{4}$	1247·2160
2..... $6\frac{1}{4}$	6·2361	200.... $2494\frac{3}{8}$	2494·4321
3..... $9\frac{3}{8}$	9·3541	300.... $3741\frac{5}{8}$	3741·6481

OIL TRADE CALCULATOR

101

Sp. Gr. .900.			
12·4444 Gallons to 1 Cwt.		248·8889 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1..... $\frac{1}{8}$	·1111	1.... $12\frac{1}{2}$	12·4444
2..... $\frac{1}{4}$	·2222	2.... $24\frac{7}{8}$	24·8889
3..... $\frac{3}{8}$	·3333	3.... $37\frac{3}{8}$	37·3333
4..... $\frac{1}{2}$	·4444	4.... $49\frac{3}{4}$	49·7778
5..... $\frac{5}{8}$	·5555	5.... $62\frac{1}{4}$	62·2222
6..... $\frac{6}{8}$	·6667	6.... $74\frac{5}{8}$	74·6667
7..... $\frac{7}{8}$	·7778	7.... $87\frac{1}{8}$	87·1111
8.....1.....	·8889	8.... $99\frac{1}{2}$	99·5555
9.....1.....	1·0000	9....112....	112·0000
10..... $1\frac{1}{8}$	1·1111	10.... $124\frac{1}{2}$	124·4444
11..... $1\frac{1}{4}$	1·2222	11.... $136\frac{7}{8}$	136·8889
12..... $1\frac{3}{8}$	1·3333	12.... $149\frac{3}{4}$	149·3333
13..... $1\frac{1}{2}$	1·4444	13.... $161\frac{3}{4}$	161·7778
14..... $1\frac{5}{8}$	1·5555	14.... $174\frac{1}{4}$	174·2222
15..... $1\frac{6}{8}$	1·6667	15.... $186\frac{5}{8}$	186·6667
16..... $1\frac{7}{8}$	1·7778	16.... $199\frac{1}{8}$	199·1111
17..... $1\frac{7}{8}$	1·8889	17.... $211\frac{1}{2}$	211·5555
18.....2.....	2·0000	18....224....	224·0000
19..... $2\frac{1}{8}$	2·1111	19.... $236\frac{1}{2}$	236·4444
20..... $2\frac{1}{4}$	2·2222	20.... $248\frac{7}{8}$	248·8889
21..... $2\frac{3}{8}$	2·3333	30.... $375\frac{3}{8}$	375·3333
22..... $2\frac{1}{2}$	2·4444	40.... $497\frac{3}{4}$	497·7778
23..... $2\frac{1}{2}$	2·5555	50.... $622\frac{1}{4}$	622·2222
24..... $2\frac{5}{8}$	2·6667	60.... $746\frac{5}{8}$	746·6667
25..... $2\frac{3}{4}$	2·7778	70.... $871\frac{1}{8}$	871·1111
26..... $2\frac{7}{8}$	2·8889	80.... $995\frac{1}{2}$	995·5555
27.....3.....	3·0000	90....1120....	1120·0000
Qrs.		100.... $1244\frac{1}{2}$	1244·4444
1..... $3\frac{1}{8}$	3·1111	200.... $2488\frac{7}{8}$	2488·8889
2..... $6\frac{1}{4}$	6·2222	300.... $3733\frac{3}{8}$	3733·3333
3..... $9\frac{3}{8}$	9·3333		

Sp. Gr. .902.					
12·4168 Gallons to 1 Cwt.			248·3370 Gallons to 1 Ton.		
Lbs.	Gallons.		Cwts.	Gallons.	
1.....	$\frac{1}{8}$	·1109	1....	$12\frac{3}{8}$	12·4168
2.....	$\frac{1}{4}$	·2217	2....	$24\frac{7}{8}$	24·8337
3.....	$\frac{3}{8}$	·3326	3....	$37\frac{1}{4}$	37·2505
4.....	$\frac{1}{2}$	·4435	4....	$49\frac{5}{8}$	49·6674
5.....	$\frac{1}{2}$	·5543	5....	$62\frac{1}{8}$	62·0843
6.....	$\frac{5}{8}$	·6652	6....	$74\frac{1}{2}$	74·5011
7.....	$\frac{3}{4}$	·7760	7....	$86\frac{7}{8}$	86·9180
8.....	$\frac{7}{8}$	·8869	8....	$99\frac{3}{8}$	99·3348
9.....	1.....	·9978	9....	$111\frac{1}{4}$	111·7517
10.....	$1\frac{1}{8}$	1·1086	10....	$124\frac{1}{8}$	124·1685
11.....	$1\frac{1}{4}$	1·2195	11....	$136\frac{5}{8}$	136·5854
12.....	$1\frac{3}{8}$	1·3304	12....	149.....	149·0022
13.....	$1\frac{1}{2}$	1·4412	13....	$161\frac{3}{8}$	161·4191
14.....	$1\frac{1}{2}$	1·5521	14....	$173\frac{7}{8}$	173·8359
15.....	$1\frac{5}{8}$	1·6630	15....	$186\frac{1}{4}$	186·2528
16.....	$1\frac{3}{4}$	1·7738	16....	$198\frac{5}{8}$	198·6696
17.....	$1\frac{7}{8}$	1·8847	17....	$211\frac{1}{8}$	211·0865
18.....	2.....	1·9956	18....	$223\frac{1}{2}$	223·5033
19.....	$2\frac{1}{8}$	2·1064	19....	$235\frac{7}{8}$	235·9202
20.....	$2\frac{1}{4}$	2·2173	20....	$248\frac{3}{8}$	248·3370
21.....	$2\frac{3}{8}$	2·3282	30....	$372\frac{1}{2}$	372·5055
22.....	$2\frac{1}{2}$	2·4390	40....	$496\frac{5}{8}$	496·6741
23.....	$2\frac{1}{2}$	2·5499	50....	$620\frac{7}{8}$	620·8426
24.....	$2\frac{5}{8}$	2·6607	60....	745.....	745·0111
25.....	$2\frac{3}{4}$	2·7716	70....	$869\frac{1}{8}$	869·1796
26.....	$2\frac{7}{8}$	2·8825	80....	$993\frac{3}{8}$	993·3481
27.....	3.....	2·9933	90....	$1117\frac{1}{2}$	1117·5166
Qrs.					
1.....	$3\frac{1}{8}$	3·1042	100....	$1241\frac{5}{8}$	1241·6851
2.....	$6\frac{1}{4}$	6·2084	200....	$2483\frac{3}{8}$	2483·3703
3.....	$9\frac{3}{8}$	9·3126	300....	3725.....	3725·0554

Sp. Gr. .904.

12·3894 Gallons to 1 Cwt.

247·7876 Gallons to 1 Ton.

Lbs.	Gallons.	C'wts.	Gallons.
1..... $\frac{1}{8}$	·1106	1.... $12\frac{3}{8}$	12·3894
2..... $\frac{1}{4}$	·2212	2.... $24\frac{3}{4}$	24·7788
3..... $\frac{3}{8}$	·3319	3.... $37\frac{1}{8}$	37·1682
4..... $\frac{1}{2}$	·4425	4.... $49\frac{1}{2}$	49·5575
5..... $\frac{5}{8}$	·5531	5....62.....	61·9469
6..... $\frac{5}{8}$	·6637	6.... $74\frac{3}{8}$	74·8363
7..... $\frac{3}{4}$	·7743	7.... $86\frac{3}{4}$	86·7257
8..... $\frac{7}{8}$	·8850	8.... $99\frac{1}{8}$	99·1150
9.....1.....	·9956	9.... $111\frac{1}{2}$	111·5044
10..... $1\frac{1}{8}$	1·1062	10.... $123\frac{7}{8}$	123·8938
11..... $1\frac{1}{4}$	1·2168	11.... $136\frac{1}{4}$	136·2832
12..... $1\frac{3}{8}$	1·3274	12.... $148\frac{5}{8}$	148·6726
13..... $1\frac{1}{2}$	1·4380	13....161.....	161·0619
14..... $1\frac{5}{8}$	1·5487	14.... $173\frac{1}{2}$	173·4513
15..... $1\frac{5}{8}$	1·6593	15.... $185\frac{7}{8}$	185·8407
16..... $1\frac{3}{4}$	1·7699	16.... $198\frac{1}{4}$	198·2301
17..... $1\frac{7}{8}$	1·8805	17.... $210\frac{5}{8}$	210·6195
18.....2.....	1·9911	18....223.....	223·0088
19..... $2\frac{1}{8}$	2·1018	19.... $235\frac{3}{8}$	235·3982
20..... $2\frac{1}{4}$	2·2124	20.... $247\frac{3}{4}$	247·7876
21..... $2\frac{3}{8}$	2·3230	30.... $371\frac{5}{8}$	371·6814
22..... $2\frac{3}{8}$	2·4336	40.... $495\frac{5}{8}$	495·5752
23..... $2\frac{1}{2}$	2·5442	50.... $619\frac{1}{2}$	619·4690
24..... $2\frac{5}{8}$	2·6549	60.... $743\frac{3}{8}$	743·3628
25..... $2\frac{3}{4}$	2·7655	70.... $876\frac{1}{4}$	867·2566
26..... $2\frac{7}{8}$	2·8761	80.... $991\frac{1}{8}$	991·1504
27.....3.....	2·9867	90....1115.....	1115·0442
Qrs.			
1..... $3\frac{1}{8}$	3·0973	100....1239.....	1238·9380
2..... $6\frac{1}{4}$	6·1947	200.... $2477\frac{7}{8}$	2477·8761
3..... $9\frac{1}{4}$	9·2920	300.... $3716\frac{7}{8}$	3716·8142

Sp. Gr. .906.			
12·3620 Gallons to 1 Cwt.		247·2406 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$12\frac{3}{8}$
2.....	$\frac{1}{4}$	2....	$24\frac{3}{4}$
3.....	$\frac{3}{8}$	3....	$37\frac{1}{8}$
4.....	$\frac{1}{2}$	4....	$49\frac{1}{2}$
5.....	$\frac{5}{8}$	5....	$61\frac{3}{4}$
6.....	$\frac{3}{4}$	6....	$74\frac{1}{8}$
7.....	$\frac{7}{8}$	7....	$86\frac{1}{2}$
8.....	1.....	8....	$98\frac{7}{8}$
9.....	$1\frac{1}{8}$	9....	$111\frac{1}{4}$
10.....	$1\frac{1}{4}$	10....	$123\frac{5}{8}$
11.....	$1\frac{3}{8}$	11....	136.....
12.....	$1\frac{3}{4}$	12....	$148\frac{3}{8}$
13.....	$1\frac{7}{8}$	13....	$160\frac{3}{4}$
14.....	2	14....	$173\frac{1}{8}$
15.....	$2\frac{1}{8}$	15....	$185\frac{3}{8}$
16.....	$2\frac{1}{4}$	16....	$197\frac{3}{4}$
17.....	$2\frac{3}{8}$	17....	$210\frac{1}{8}$
18.....	$2\frac{1}{2}$	18....	$222\frac{1}{2}$
19.....	$2\frac{5}{8}$	19....	$234\frac{7}{8}$
20.....	$2\frac{3}{4}$	20....	$247\frac{1}{4}$
21.....	$2\frac{7}{8}$	30....	$370\frac{7}{8}$
22.....	3	40....	$494\frac{1}{2}$
23.....	$3\frac{1}{8}$	50....	$618\frac{1}{8}$
24.....	$3\frac{1}{4}$	60....	$741\frac{3}{4}$
25.....	$3\frac{3}{8}$	70....	$865\frac{3}{8}$
26.....	$3\frac{1}{2}$	80....	989.....
27.....	$3\frac{5}{8}$	90....	$1112\frac{5}{8}$
28.....	$3\frac{3}{4}$		
29.....	$3\frac{7}{8}$		
30.....	4		
31.....	$4\frac{1}{8}$		
32.....	$4\frac{1}{4}$		
33.....	$4\frac{3}{8}$		
34.....	$4\frac{1}{2}$		
35.....	$4\frac{5}{8}$		
36.....	$4\frac{3}{4}$		
37.....	$4\frac{7}{8}$		
38.....	5		
39.....	$5\frac{1}{8}$		
40.....	$5\frac{1}{4}$		
41.....	$5\frac{3}{8}$		
42.....	$5\frac{1}{2}$		
43.....	$5\frac{5}{8}$		
44.....	$5\frac{3}{4}$		
45.....	$5\frac{7}{8}$		
46.....	6		
47.....	$6\frac{1}{8}$		
48.....	$6\frac{1}{4}$		
49.....	$6\frac{3}{8}$		
50.....	$6\frac{1}{2}$		
51.....	$6\frac{5}{8}$		
52.....	$6\frac{3}{4}$		
53.....	$6\frac{7}{8}$		
54.....	7		
55.....	$7\frac{1}{8}$		
56.....	$7\frac{1}{4}$		
57.....	$7\frac{3}{8}$		
58.....	$7\frac{1}{2}$		
59.....	$7\frac{5}{8}$		
60.....	$7\frac{3}{4}$		
61.....	$7\frac{7}{8}$		
62.....	8		
63.....	$8\frac{1}{8}$		
64.....	$8\frac{1}{4}$		
65.....	$8\frac{3}{8}$		
66.....	$8\frac{1}{2}$		
67.....	$8\frac{5}{8}$		
68.....	$8\frac{3}{4}$		
69.....	$8\frac{7}{8}$		
70.....	9		
71.....	$9\frac{1}{8}$		
72.....	$9\frac{1}{4}$		
73.....	$9\frac{3}{8}$		
74.....	$9\frac{1}{2}$		
75.....	$9\frac{5}{8}$		
76.....	$9\frac{3}{4}$		
77.....	$9\frac{7}{8}$		
78.....	10		
79.....	$10\frac{1}{8}$		
80.....	$10\frac{1}{4}$		
81.....	$10\frac{3}{8}$		
82.....	$10\frac{1}{2}$		
83.....	$10\frac{5}{8}$		
84.....	$10\frac{3}{4}$		
85.....	$10\frac{7}{8}$		
86.....	11		
87.....	$11\frac{1}{8}$		
88.....	$11\frac{1}{4}$		
89.....	$11\frac{3}{8}$		
90.....	$11\frac{1}{2}$		
91.....	$11\frac{5}{8}$		
92.....	$11\frac{3}{4}$		
93.....	$11\frac{7}{8}$		
94.....	12		
95.....	$12\frac{1}{8}$		
96.....	$12\frac{1}{4}$		
97.....	$12\frac{3}{8}$		
98.....	$12\frac{1}{2}$		
99.....	$12\frac{5}{8}$		
100.....	$12\frac{3}{4}$		
101.....	$12\frac{7}{8}$		
102.....	13		
103.....	$13\frac{1}{8}$		
104.....	$13\frac{1}{4}$		
105.....	$13\frac{3}{8}$		
106.....	$13\frac{1}{2}$		
107.....	$13\frac{5}{8}$		
108.....	$13\frac{3}{4}$		
109.....	$13\frac{7}{8}$		
110.....	14		
111.....	$14\frac{1}{8}$		
112.....	$14\frac{1}{4}$		
113.....	$14\frac{3}{8}$		
114.....	$14\frac{1}{2}$		
115.....	$14\frac{5}{8}$		
116.....	$14\frac{3}{4}$		
117.....	$14\frac{7}{8}$		
118.....	15		
119.....	$15\frac{1}{8}$		
120.....	$15\frac{1}{4}$		
121.....	$15\frac{3}{8}$		
122.....	$15\frac{1}{2}$		
123.....	$15\frac{5}{8}$		
124.....	$15\frac{3}{4}$		
125.....	$15\frac{7}{8}$		
126.....	16		
127.....	$16\frac{1}{8}$		
128.....	$16\frac{1}{4}$		
129.....	$16\frac{3}{8}$		
130.....	$16\frac{1}{2}$		
131.....	$16\frac{5}{8}$		
132.....	$16\frac{3}{4}$		
133.....	$16\frac{7}{8}$		
134.....	17		
135.....	$17\frac{1}{8}$		
136.....	$17\frac{1}{4}$		
137.....	$17\frac{3}{8}$		
138.....	$17\frac{1}{2}$		
139.....	$17\frac{5}{8}$		
140.....	$17\frac{3}{4}$		
141.....	$17\frac{7}{8}$		
142.....	18		
143.....	$18\frac{1}{8}$		
144.....	$18\frac{1}{4}$		
145.....	$18\frac{3}{8}$		
146.....	$18\frac{1}{2}$		
147.....	$18\frac{5}{8}$		
148.....	$18\frac{3}{4}$		
149.....	$18\frac{7}{8}$		
150.....	19		
151.....	$19\frac{1}{8}$		
152.....	$19\frac{1}{4}$		
153.....	$19\frac{3}{8}$		
154.....	$19\frac{1}{2}$		
155.....	$19\frac{5}{8}$		
156.....	$19\frac{3}{4}$		
157.....	$19\frac{7}{8}$		
158.....	20		
159.....	$20\frac{1}{8}$		
160.....	$20\frac{1}{4}$		
161.....	$20\frac{3}{8}$		
162.....	$20\frac{1}{2}$		
163.....	$20\frac{5}{8}$		
164.....	$20\frac{3}{4}$		
165.....	$20\frac{7}{8}$		
166.....	21		
167.....	$21\frac{1}{8}$		
168.....	$21\frac{1}{4}$		
169.....	$21\frac{3}{8}$		
170.....	$21\frac{1}{2}$		
171.....	$21\frac{5}{8}$		
172.....	$21\frac{3}{4}$		
173.....	$21\frac{7}{8}$		
174.....	22		
175.....	$22\frac{1}{8}$		
176.....	$22\frac{1}{4}$		
177.....	$22\frac{3}{8}$		
178.....	$22\frac{1}{2}$		
179.....	$22\frac{5}{8}$		
180.....	$22\frac{3}{4}$		
181.....	$22\frac{7}{8}$		
182.....	23		
183.....	$23\frac{1}{8}$		
184.....	$23\frac{1}{4}$		
185.....	$23\frac{3}{8}$		
186.....	$23\frac{1}{2}$		
187.....	$23\frac{5}{8}$		
188.....	$23\frac{3}{4}$		
189.....	$23\frac{7}{8}$		
190.....	24		
191.....	$24\frac{1}{8}$		
192.....	$24\frac{1}{4}$		
193.....	$24\frac{3}{8}$		
194.....	$24\frac{1}{2}$		
195.....	$24\frac{5}{8}$		
196.....	$24\frac{3}{4}$		
197.....	$24\frac{7}{8}$		
198.....	25		
199.....	$25\frac{1}{8}$		
200.....	$25\frac{1}{4}$		
201.....	$25\frac{3}{8}$		
202.....	$25\frac{1}{2}$		
203.....	$25\frac{5}{8}$		
204.....	$25\frac{3}{4}$		
205.....	$25\frac{7}{8}$		
206.....	26		
207.....	$26\frac{1}{8}$		
208.....	$26\frac{1}{4}$		
209.....	$26\frac{3}{8}$		
210.....	$26\frac{1}{2}$		
211.....	$26\frac{5}{8}$		
212.....	$26\frac{3}{4}$		
213.....	$26\frac{7}{8}$		
214.....	27		
215.....	$27\frac{1}{8}$		
216.....	$27\frac{1}{4}$		
217.....	$27\frac{3}{8}$		
218.....	$27\frac{1}{2}$		
219.....	$27\frac{5}{8}$		
220.....	$27\frac{3}{4}$		
221.....	$27\frac{7}{8}$		
222.....	28		
223.....	$28\frac{1}{8}$		
224.....	$28\frac{1}{4}$		
225.....	$28\frac{3}{8}$		
226.....	$28\frac{1}{2}$		
227.....	$28\frac{5}{8}$		
228.....	$28\frac{3}{4}$		
229.....	$28\frac{7}{8}$		
230.....	29		
231.....	$29\frac{1}{8}$		
232.....	$29\frac{1}{4}$		
233.....	$29\frac{3}{8}$		
234.....	$29\frac{1}{2}$		
235.....	$29\frac{5}{8}$		
236.....	$29\frac{3}{4}$		
237.....	$29\frac{7}{8}$		
238.....	30		
239.....	$30\frac{1}{8}$		
240.....	$30\frac{1}{4}$		
241.....	$30\frac{3}{8}$		
242.....	$30\frac{1}{2}$		
243.....	$30\frac{5}{8}$		
244.....	$30\frac{3}{4}$		
245.....	$30\frac{7}{8}$		
246.....	31		
247.....	$31\frac{1}{8}$		
248.....	$31\frac{1}{4}$		
249.....	$31\frac{3}{8}$		
250.....	$31\frac{1}{2}$		
251.....	$31\frac{5}{8}$		
252.....	$31\frac{3}{4}$		
253.....	$31\frac{7}{8}$		
254.....	32		
255.....	$32\frac{1}{8}$		
256.....	$32\frac{1}{4}$		
257.....	$32\frac{3}{8}$		
258.....	$32\frac{1}{2}$		
259.....	$32\frac{5}{8}$		
260.....	$32\frac{3}{4}$		
261.....	$32\frac{7}{8}$		
262.....	33		
263.....	$33\frac{1}{8}$		
264.....	$33\frac{1}{4}$		
265.....	$33\frac{3}{8}$		
266.....	$33\frac{1}{2}$		
267.....	$33\frac{5}{8}$		
268.....	$33\frac{3}{4}$		
269.....	$33\frac{7}{8}$		
270.....	34		
271.....	$34\frac{1}{8}$		
272.....	$34\frac{1}{4}$		
273.....	$34\frac{3}{8}$		
274.....	$34\frac{1}{2}$		
275.....	$34\frac{5}{8}$		
276.....	$34\frac{3}{4}$		
277.....	$34\frac{7}{8}$		
278.....	35		
279.....	$35\frac{1}{8}$		
280.....	$35\frac{1}{4}$		
281.....	$35\frac{3}{8}$		
282.....	$35\frac{1}{2}$		
283.....	$35\frac{5}{8}$		
284.....	$35\frac{3}{4}$		
285.....	$35\frac{7}{8}$		
286.....	36		
287.....	$36\frac{1}{8}$		
288.....	$36\frac{1}{4}$		
289.....	$36\frac{3}{8}$		
290.....	$36\frac{1}{2}$		
291.....	$36\frac{5}{8}$		
292.....	$36\frac{3}{4}$		
293.....	$36\frac{7}{8}$		
294.....	37		

Sp. Gr. .908.					
12·3348 Gallons to 1 Cwt.			246·6960 Gallons to 1 Ton.		
Lbs.	Gallons.		Cwts.	Gallons.	
1.....	$\frac{1}{8}$	·1101	1....	$12\frac{3}{8}$	12·3348
2.....	$\frac{1}{4}$	·2203	2....	$24\frac{5}{8}$	24·6696
3.....	$\frac{3}{8}$	·3304	3....	37.....	37·0044
4.....	$\frac{1}{2}$	·4405	4....	$49\frac{3}{8}$	49·3392
5.....	$\frac{5}{8}$	·5507	5....	$61\frac{5}{8}$	61·6740
6.....	$\frac{6}{8}$	·6608	6....	74.....	74·0088
7.....	$\frac{7}{8}$	·7709	7....	$86\frac{3}{8}$	86·3436
8.....	1.....	·8811	8....	$98\frac{5}{8}$	98·6784
9.....	$1\frac{1}{8}$	·9912	9....	111.....	111·0132
10.....	$1\frac{1}{4}$	1·1013	10....	$123\frac{3}{8}$	123·3480
11.....	$1\frac{1}{2}$	1·2114	11....	$135\frac{5}{8}$	135·6828
12.....	$1\frac{3}{4}$	1·3216	12....	148.....	148·0176
13.....	$1\frac{7}{8}$	1·4317	13....	$160\frac{3}{8}$	160·3524
14.....	2.....	1·5418	14....	$172\frac{5}{8}$	172·6872
15.....	$2\frac{1}{8}$	1·6520	15....	185.....	185·0220
16.....	$2\frac{1}{4}$	1·7621	16....	$197\frac{3}{8}$	197·3568
17.....	$2\frac{1}{2}$	1·8722	17....	$209\frac{5}{8}$	209·6916
18.....	$2\frac{3}{4}$	1·9824	18....	222.....	222·0264
19.....	3.....	2·0925	19....	$234\frac{3}{8}$	234·3612
20.....	$3\frac{1}{8}$	2·2026	20....	$246\frac{5}{8}$	246·6960
21.....	$3\frac{1}{4}$	2·3128	30....	370.....	370·0440
22.....	$3\frac{1}{2}$	2·4229	40....	$493\frac{3}{8}$	493·3921
23.....	$3\frac{3}{4}$	2·5330	50....	$616\frac{3}{8}$	616·7401
24.....	4.....	2·6432	60....	$740\frac{5}{8}$	740·0881
25.....	$4\frac{1}{8}$	2·7533	70....	$863\frac{3}{8}$	863·4361
26.....	$4\frac{1}{4}$	2·8634	80....	$986\frac{3}{8}$	986·7841
27.....	$4\frac{1}{2}$	2·9736	90....	$1110\frac{5}{8}$	1110·1322
Qrs.			100....	$1233\frac{1}{2}$	1233·4802
1.....	$3\frac{1}{8}$	3·0837	200....	2467.....	2466·9603
2.....	$3\frac{1}{4}$	6·1674	300....	$3700\frac{1}{2}$	3700·4405
3.....	$3\frac{1}{2}$	9·2511			

Sp. Gr. .910.

12·3077 Gallons to 1 Cwt.

246·1538 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.		
1.....	$\frac{1}{8}$	·1099	1....	$12\frac{1}{4}$	12·3077
2.....	$\frac{1}{4}$	·2198	2....	$24\frac{5}{8}$	24·6154
3.....	$\frac{3}{8}$	·3297	3....	$36\frac{7}{8}$	36·9231
4.....	$\frac{1}{2}$	·4396	4....	$49\frac{1}{4}$	49·2308
5.....	$\frac{5}{8}$	·5494	5....	$61\frac{1}{2}$	61·5385
6.....	$\frac{3}{4}$	·6593	6....	$73\frac{3}{4}$	73·8461
7.....	$\frac{7}{8}$	·7692	7....	$86\frac{1}{8}$	86·1538
8.....	1	·8791	8....	$98\frac{1}{2}$	98·4615
9.....	$1\frac{1}{8}$	·9890	9....	$110\frac{3}{4}$	110·7692
10.....	$1\frac{1}{4}$	1·0989	10....	$123\frac{1}{8}$	123·0769
11.....	$1\frac{1}{2}$	1·2088	11....	$135\frac{3}{8}$	135·3846
12.....	$1\frac{3}{4}$	1·3187	12....	$147\frac{3}{4}$	147·6923
13.....	$1\frac{7}{8}$	1·4286	13....	160.....	160·0000
14.....	$1\frac{1}{1}$	1·5385	14....	$172\frac{1}{4}$	172·3077
15.....	$1\frac{5}{8}$	1·6483	15....	$184\frac{5}{8}$	184·6154
16.....	$1\frac{3}{4}$	1·7582	16....	$196\frac{7}{8}$	196·9231
17.....	$1\frac{7}{8}$	1·8681	17....	$209\frac{1}{4}$	209·2308
18.....	2	1·9780	18....	$221\frac{1}{2}$	221·5385
19.....	$2\frac{1}{8}$	2·0879	19....	$233\frac{7}{8}$	233·8461
20.....	$2\frac{1}{4}$	2·1978	20....	$246\frac{1}{8}$	246·1538
21.....	$2\frac{1}{2}$	2·3077	30....	$369\frac{1}{4}$	369·2308
22.....	$2\frac{3}{8}$	2·4176	40....	$492\frac{1}{4}$	492·3077
23.....	$2\frac{1}{2}$	2·5275	50....	$615\frac{3}{8}$	615·3846
24.....	$2\frac{5}{8}$	2·6371	60....	$738\frac{1}{2}$	738·4615
25.....	$2\frac{3}{4}$	2·7472	70....	$861\frac{1}{2}$	861·5385
26.....	$2\frac{7}{8}$	2·8571	80....	$984\frac{5}{8}$	984·6154
27.....	3	2·9670	90....	$1107\frac{3}{4}$	1107·6923
Qrs.					
1.....	$3\frac{1}{8}$	3·0769	100....	$1230\frac{3}{4}$	1230·7692
2.....	$6\frac{1}{8}$	6·1538	200....	$2461\frac{1}{2}$	2461·5385
3.....	$9\frac{1}{4}$	9·2308	300....	$3692\frac{1}{4}$	3692·3077

Sp. Gr. .912.

12·2807 Gallons to 1 Cwt.

245·6140 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$12\frac{1}{4}$ 12·2807
2.....	$\frac{1}{4}$	2....	$24\frac{1}{2}$ 24·5614
3.....	$\frac{3}{8}$	3....	$36\frac{7}{8}$ 36·8421
4.....	$\frac{1}{2}$	4....	$49\frac{1}{8}$ 49·1228
5.....	$\frac{5}{8}$	5....	$61\frac{3}{8}$ 61·4035
6.....	$\frac{6}{8}$	6....	$73\frac{5}{8}$ 73·6842
7.....	$\frac{7}{8}$	7....	86 85·9619
8.....	$\frac{8}{8}$	8....	$98\frac{1}{4}$ 98·2156
9.....	1.....	9....	$110\frac{1}{2}$ 110·5263
10.....	$1\frac{1}{8}$	10....	$122\frac{3}{4}$ 122·8070
11.....	$1\frac{1}{4}$	11....	$135\frac{1}{8}$ 135·0877
12.....	$1\frac{3}{8}$	12....	$147\frac{3}{8}$ 147·3684
13.....	$1\frac{3}{8}$	13....	$159\frac{5}{8}$ 159·6491
14.....	$1\frac{1}{2}$	14....	$171\frac{7}{8}$ 171·9298
15.....	$1\frac{5}{8}$	15....	$184\frac{1}{4}$ 184·2105
16.....	$1\frac{3}{4}$	16....	$196\frac{1}{2}$ 196·4912
17.....	$1\frac{7}{8}$	17....	$208\frac{3}{4}$ 208·7719
18.....	2.....	18....	221 221·0526
19.....	$2\frac{1}{8}$	19....	$233\frac{3}{8}$ 233·3333
20.....	$2\frac{1}{4}$	20....	$245\frac{5}{8}$ 245·6140
21.....	$2\frac{1}{4}$	30....	$368\frac{3}{8}$ 368·4210
22.....	$2\frac{3}{8}$	40....	$491\frac{1}{4}$ 491·2281
23.....	$2\frac{1}{2}$	50....	614 614·0351
24.....	$2\frac{5}{8}$	60....	$736\frac{7}{8}$ 736·8421
25.....	$2\frac{3}{4}$	70....	$859\frac{5}{8}$ 859·6491
26.....	$2\frac{7}{8}$	80....	$982\frac{1}{2}$ 982·4561
27.....	3.....	90....	$1105\frac{1}{4}$ 1105·2632
Qrs.			
1.....	$3\frac{1}{8}$	100....	$1228\frac{1}{8}$ 1228·0702
2.....	$6\frac{1}{8}$	200....	$2456\frac{1}{8}$ 2456·1403
3.....	$9\frac{1}{4}$	300....	$3684\frac{1}{4}$ 3684·2105

Sp. Gr. .914.

12·2538 Gallons to 1 Cwt.

245·0766 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$12\frac{1}{4}$ 12·2538
2.....	$\frac{1}{4}$	2....	$24\frac{1}{2}$ 24·5077
3.....	$\frac{3}{8}$	3....	$36\frac{3}{4}$ 36·7615
4.....	$\frac{1}{2}$	4....	49 49·0153
5.....	$\frac{5}{8}$	5....	$61\frac{1}{4}$ 61·2691
6.....	$\frac{6}{8}$	6....	$73\frac{1}{2}$ 73·5230
7.....	$\frac{7}{8}$	7....	$85\frac{3}{4}$ 85·7768
8.....	$\frac{7}{8}$	8....	98 98·0306
9.....	1.....	9....	$110\frac{1}{4}$ 110·2845
10.....	$1\frac{1}{8}$	10....	$122\frac{1}{2}$ 122·5383
11.....	$1\frac{1}{4}$	11....	$134\frac{3}{4}$ 134·7921
12.....	$1\frac{3}{8}$	12....	147 147·0459
13.....	$1\frac{3}{8}$	13....	$159\frac{1}{4}$ 159·2998
14.....	$1\frac{1}{2}$	14....	$171\frac{1}{2}$ 171·5536
15.....	$1\frac{5}{8}$	15....	$183\frac{3}{4}$ 183·8074
16.....	$1\frac{3}{4}$	16....	196 196·0613
17.....	$1\frac{7}{8}$	17....	$208\frac{3}{8}$ 208·3151
18.....	2.....	18....	$220\frac{5}{8}$ 220·5689
19.....	$2\frac{1}{8}$	19....	$232\frac{7}{8}$ 232·8228
20.....	$2\frac{1}{4}$	20....	$245\frac{1}{8}$ 245·0766
21.....	$2\frac{1}{4}$	30....	$367\frac{5}{8}$ 367·6149
22.....	$2\frac{3}{8}$	40....	$490\frac{1}{8}$ 490·1532
23.....	$2\frac{1}{2}$	50....	$612\frac{3}{4}$ 612·6915
24.....	$2\frac{5}{8}$	60....	$735\frac{1}{4}$ 735·2298
25.....	$2\frac{3}{4}$	70....	$857\frac{3}{4}$ 857·7680
26.....	$2\frac{7}{8}$	80....	$980\frac{1}{4}$ 980·3063
27.....	3.....	90....	$1102\frac{7}{8}$ 1102·8446
Qrs.			
1.....	$3\frac{1}{8}$	100....	$1225\frac{3}{8}$ 1225·3829
2.....	$6\frac{1}{8}$	200....	$2450\frac{3}{4}$ 2450·7659
3.....	$9\frac{1}{4}$	300....	$3676\frac{1}{2}$ 3676·1488

OIL TRADE CALCULATOR

109

Sp. Gr. .916.

12·2271 Gallons to 1 Cwt.

244·5415 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1..... $\frac{1}{8}$	·1092	1.... $12\frac{1}{4}$	12·2271
2.... $\frac{1}{4}$	·2183	2.... $21\frac{1}{2}$	24·4541
3..... $\frac{3}{8}$	·3275	3.... $36\frac{3}{8}$	36·6812
4..... $\frac{1}{2}$	·4367	4.... $48\frac{7}{8}$	48·9083
5..... $\frac{5}{8}$	·5458	5.... $61\frac{1}{8}$	61·1354
6..... $\frac{3}{4}$	·6550	6.... $73\frac{3}{8}$	73·3624
7..... $\frac{7}{8}$	·7642	7.... $85\frac{5}{8}$	85·5895
8.....1.....	·8734	8.... $97\frac{7}{8}$	97·8166
9..... $1\frac{1}{8}$	·9825	9....110....	110·0437
10..... $1\frac{1}{4}$	1·0917	10.... $122\frac{1}{4}$	122·2707
11..... $1\frac{1}{2}$	1·2009	11.... $134\frac{1}{2}$	134·4978
12..... $1\frac{3}{4}$	1·3100	12.... $146\frac{3}{4}$	146·7249
13..... $1\frac{7}{8}$	1·4192	13....159....	158·9520
14..... $1\frac{1}{2}$	1·5284	14.... $171\frac{1}{8}$	171·1790
15..... $1\frac{5}{8}$	1·6375	15.... $183\frac{3}{8}$	183·4061
16..... $1\frac{3}{4}$	1·7467	16.... $195\frac{5}{8}$	195·6332
17..... $1\frac{7}{8}$	1·8559	17.... $207\frac{7}{8}$	207·8603
18.....2.....	1·9651	18.... $220\frac{1}{8}$	220·0873
19..... $2\frac{1}{8}$	2·0742	19.... $232\frac{3}{8}$	232·3144
20..... $2\frac{1}{4}$	2·1834	20.... $244\frac{1}{2}$	244·5415
21..... $2\frac{1}{2}$	2·2926	30.... $366\frac{3}{4}$	366·8122
22..... $2\frac{3}{8}$	2·4017	40.... $489\frac{1}{8}$	489·0830
23..... $2\frac{1}{2}$	2·5109	50.... $611\frac{3}{8}$	611·3537
24..... $2\frac{5}{8}$	2·6201	60.... $733\frac{5}{8}$	733·6244
25..... $2\frac{3}{4}$	2·7293	70.... $855\frac{7}{8}$	855·8952
26..... $2\frac{7}{8}$	2·8384	80.... $978\frac{1}{8}$	978·1659
27.....3.....	2·9476	90.... $1100\frac{3}{8}$	1100·4367
Qrs.			
1.....3.....	3·0568	100.... $1222\frac{3}{4}$	1222·7074
2..... $6\frac{1}{8}$	6·1135	200.... $2445\frac{3}{8}$	2445·4148
3..... $9\frac{1}{8}$	9·1703	300.... $3668\frac{1}{8}$	3668·1223

Sp. Gr. .918.

12·2004 Gallons to 1 Cwt.

241·0087 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	12 $\frac{1}{4}$ 12·2004
2.....	$\frac{1}{4}$	2....	24 $\frac{3}{8}$ 24·4009
3.....	$\frac{3}{8}$	3....	36 $\frac{5}{8}$ 36·6013
4.....	$\frac{1}{2}$	4....	48 $\frac{3}{4}$ 48·8017
5.....	$\frac{5}{8}$	5....	61..... 61·0022
6.....	$\frac{3}{4}$	6....	73 $\frac{1}{4}$ 73·2026
7.....	$\frac{7}{8}$	7....	85 $\frac{3}{8}$ 85·4030
8.....	1.....	8....	97 $\frac{5}{8}$ 97·6035
9.....	1 $\frac{1}{8}$	9....	109 $\frac{3}{4}$ 109·8039
10.....	1 $\frac{1}{4}$	10....	122..... 122·0014
11.....	1 $\frac{1}{2}$	11....	134 $\frac{1}{4}$ 134·2018
12.....	1 $\frac{3}{4}$	12....	146 $\frac{3}{8}$ 146·4052
13.....	1 $\frac{7}{8}$	13....	159 $\frac{5}{8}$ 158·6057
14.....	2.....	14....	170 $\frac{3}{4}$ 170·8061
15.....	2 $\frac{1}{8}$	15....	183..... 183·0065
16.....	2 $\frac{1}{4}$	16....	195 $\frac{1}{4}$ 195·2070
17.....	2 $\frac{1}{2}$	17....	207 $\frac{3}{8}$ 207·4074
18.....	2 $\frac{3}{4}$	18....	219 $\frac{5}{8}$ 219·6078
19.....	3.....	19....	231 $\frac{3}{4}$ 231·8083
20.....	3 $\frac{1}{8}$	20....	244..... 244·0087
21.....	3 $\frac{1}{4}$	30....	366..... 366·0131
22.....	3 $\frac{1}{2}$	40....	488..... 488·0174
23.....	3 $\frac{3}{4}$	50....	610..... 610·0218
24.....	4.....	60....	732..... 732·0261
25.....	4 $\frac{1}{8}$	70....	854..... 854·0305
26.....	4 $\frac{1}{4}$	80....	976..... 976·0349
27.....	4 $\frac{1}{2}$	90....	1098..... 1098·0392
Qrs.			
1.....	3.....	100....	1220..... 1220·0436
2.....	6 $\frac{1}{8}$	200....	2440 $\frac{1}{8}$ 2440·0871
3.....	9 $\frac{1}{8}$	300....	3660 $\frac{1}{8}$ 3660·1307

Sp. Gr. '920.

12·1739 Gallons to 1 Cwt.

243·4783 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$12\frac{1}{8}$
2.....	$\frac{1}{4}$	2....	$21\frac{3}{8}$
3.....	$\frac{3}{8}$	3....	$36\frac{1}{2}$
4.....	$\frac{3}{8}$	4....	$48\frac{3}{4}$
5.....	$\frac{1}{2}$	5....	$60\frac{7}{8}$
6.....	$\frac{5}{8}$	6....	73
7.....	$\frac{3}{4}$	7....	$85\frac{1}{4}$
8.....	$\frac{7}{8}$	8....	$97\frac{3}{8}$
9.....	1.....	9....	$109\frac{5}{8}$
10.....	$1\frac{1}{8}$	10....	$121\frac{3}{4}$
11.....	$1\frac{1}{4}$	11....	$133\frac{7}{8}$
12.....	$1\frac{1}{4}$	12....	$146\frac{1}{8}$
13.....	$1\frac{3}{8}$	13....	$158\frac{1}{4}$
14.....	$1\frac{1}{2}$	14....	$170\frac{3}{8}$
15.....	$1\frac{5}{8}$	15....	$182\frac{5}{8}$
16.....	$1\frac{3}{4}$	16....	$194\frac{3}{4}$
17.....	$1\frac{7}{8}$	17....	$206\frac{7}{8}$
18.....	2.....	18....	$219\frac{1}{8}$
19.....	$2\frac{1}{8}$	19....	$231\frac{1}{4}$
20.....	$2\frac{1}{8}$	20....	$243\frac{1}{2}$
21.....	$2\frac{1}{4}$	30....	$365\frac{1}{4}$
22.....	$2\frac{3}{8}$	40....	487
23.....	$2\frac{1}{2}$	50....	$608\frac{3}{4}$
24.....	$2\frac{5}{8}$	60....	$703\frac{3}{8}$
25.....	$2\frac{3}{4}$	70....	$852\frac{1}{8}$
26.....	$2\frac{7}{8}$	80....	$973\frac{7}{8}$
27.....	$2\frac{7}{8}$	90....	$1095\frac{5}{8}$
Qrs.		100....	$1217\frac{3}{8}$
1.....	3.....	200....	$2434\frac{3}{4}$
2.....	$6\frac{1}{8}$	300....	$3652\frac{1}{8}$
3.....	$9\frac{1}{8}$		

Sp. Gr. .922.

12·1475 Gallons to 1 Cwt.

242·9501 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$12\frac{1}{8}$ 12·1475
2.....	$\frac{1}{4}$	2....	$24\frac{1}{4}$ 24·2950
3.....	$\frac{3}{8}$	3....	$36\frac{1}{2}$ 36·4425
4.....	$\frac{1}{2}$	4....	$48\frac{5}{8}$ 48·5900
5.....	$\frac{5}{8}$	5....	$60\frac{3}{4}$ 60·7375
6.....	$\frac{3}{4}$	6....	$72\frac{7}{8}$ 72·8850
7.....	$\frac{7}{8}$	7....	85 85·0325
8.....	1.....	8....	$97\frac{1}{8}$ 97·1800
9.....	$1\frac{1}{8}$	9....	$109\frac{3}{8}$ 109·3275
10.....	$1\frac{1}{4}$	10....	$121\frac{1}{2}$ 121·4750
11.....	$1\frac{1}{2}$	11....	$133\frac{5}{8}$ 133·6226
12.....	$1\frac{3}{4}$	12....	$145\frac{3}{4}$ 145·7701
13.....	$1\frac{7}{8}$	13....	$157\frac{7}{8}$ 157·9176
14.....	2	14....	$170\frac{1}{8}$ 170·0651
15.....	$2\frac{1}{8}$	15....	$182\frac{1}{4}$ 182·2126
16.....	$2\frac{1}{4}$	16....	$194\frac{3}{8}$ 194·3601
17.....	$2\frac{1}{2}$	17....	$206\frac{1}{2}$ 206·5076
18.....	$2\frac{3}{4}$	18....	$218\frac{5}{8}$ 218·6551
19.....	$2\frac{7}{8}$	19....	$230\frac{3}{4}$ 230·8026
20.....	3	20....	243 242·9501
21.....	$3\frac{1}{8}$	30....	$364\frac{3}{8}$ 361·4252
22.....	$3\frac{1}{4}$	40....	$485\frac{7}{8}$ 485·9002
23.....	$3\frac{1}{2}$	50....	$607\frac{3}{8}$ 607·3753
24.....	$3\frac{3}{4}$	60....	$728\frac{7}{8}$ 728·8503
25.....	$3\frac{7}{8}$	70....	$850\frac{3}{8}$ 850·3254
26.....	4	80....	$971\frac{3}{4}$ 971·8004
27.....	$4\frac{1}{8}$	90....	$1093\frac{1}{4}$ 1093·2755
Qrs.		100....	$1214\frac{3}{4}$ 1214·7506
1.....	3	200....	$2429\frac{1}{2}$ 2429·5011
2.....	$6\frac{1}{8}$	300....	$3644\frac{1}{4}$ 3644·2516
3.....	$9\frac{1}{8}$		

Sp. Gr. .924.			
12·1212 Gallons to 1 Cwt.		242·4242 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$12\frac{1}{8}$
2.....	$\frac{1}{4}$	2....	$24\frac{1}{4}$
3.....	$\frac{3}{8}$	3....	$36\frac{3}{8}$
4.....	$\frac{1}{2}$	4....	$48\frac{1}{2}$
5.....	$\frac{5}{8}$	5....	$60\frac{5}{8}$
6.....	$\frac{3}{4}$	6....	$72\frac{3}{4}$
7.....	$\frac{7}{8}$	7....	$84\frac{7}{8}$
8.....	1.....	8....	97.....
9.....	$1\frac{1}{8}$	9....	$109\frac{1}{8}$
10.....	$1\frac{1}{4}$	10....	$121\frac{1}{4}$
11.....	$1\frac{1}{2}$	11....	$133\frac{1}{2}$
12.....	$1\frac{3}{4}$	12....	$145\frac{3}{4}$
13.....	$1\frac{7}{8}$	13....	$157\frac{7}{8}$
14.....	2.....	14....	$169\frac{7}{8}$
15.....	$2\frac{1}{8}$	15....	$181\frac{7}{8}$
16.....	$2\frac{1}{4}$	16....	194.....
17.....	$2\frac{1}{2}$	17....	206.....
18.....	$2\frac{3}{4}$	18....	$218\frac{1}{8}$
19.....	$2\frac{7}{8}$	19....	$230\frac{1}{4}$
20.....	3.....	20....	$242\frac{3}{8}$
21.....	$3\frac{1}{8}$	21....	$254\frac{3}{8}$
22.....	$3\frac{1}{4}$	22....	$266\frac{3}{4}$
23.....	$3\frac{1}{2}$	23....	$278\frac{3}{4}$
24.....	$3\frac{3}{4}$	24....	$290\frac{3}{4}$
25.....	$3\frac{7}{8}$	25....	$302\frac{7}{8}$
26.....	4.....	26....	$314\frac{7}{8}$
27.....	$4\frac{1}{8}$	27....	$326\frac{7}{8}$
28.....	$4\frac{1}{4}$	28....	$338\frac{7}{8}$
29.....	$4\frac{1}{2}$	29....	$350\frac{7}{8}$
30.....	$4\frac{3}{4}$	30....	$362\frac{7}{8}$
31.....	$4\frac{7}{8}$	31....	$374\frac{7}{8}$
32.....	5.....	32....	$386\frac{7}{8}$
33.....	$5\frac{1}{8}$	33....	$398\frac{7}{8}$
34.....	$5\frac{1}{4}$	34....	$410\frac{7}{8}$
35.....	$5\frac{1}{2}$	35....	$422\frac{7}{8}$
36.....	$5\frac{3}{4}$	36....	$434\frac{7}{8}$
37.....	$5\frac{7}{8}$	37....	$446\frac{7}{8}$
38.....	6.....	38....	$458\frac{7}{8}$
39.....	$6\frac{1}{8}$	39....	$470\frac{7}{8}$
40.....	$6\frac{1}{4}$	40....	$482\frac{7}{8}$
41.....	$6\frac{1}{2}$	41....	$494\frac{7}{8}$
42.....	$6\frac{3}{4}$	42....	$506\frac{7}{8}$
43.....	$6\frac{7}{8}$	43....	$518\frac{7}{8}$
44.....	7.....	44....	$530\frac{7}{8}$
45.....	$7\frac{1}{8}$	45....	$542\frac{7}{8}$
46.....	$7\frac{1}{4}$	46....	$554\frac{7}{8}$
47.....	$7\frac{1}{2}$	47....	$566\frac{7}{8}$
48.....	$7\frac{3}{4}$	48....	$578\frac{7}{8}$
49.....	$7\frac{7}{8}$	49....	$590\frac{7}{8}$
50.....	8.....	50....	$602\frac{7}{8}$
51.....	$8\frac{1}{8}$	51....	$614\frac{7}{8}$
52.....	$8\frac{1}{4}$	52....	$626\frac{7}{8}$
53.....	$8\frac{1}{2}$	53....	$638\frac{7}{8}$
54.....	$8\frac{3}{4}$	54....	$650\frac{7}{8}$
55.....	$8\frac{7}{8}$	55....	$662\frac{7}{8}$
56.....	9.....	56....	$674\frac{7}{8}$
57.....	$9\frac{1}{8}$	57....	$686\frac{7}{8}$
58.....	$9\frac{1}{4}$	58....	$698\frac{7}{8}$
59.....	$9\frac{1}{2}$	59....	$710\frac{7}{8}$
60.....	$9\frac{3}{4}$	60....	$722\frac{7}{8}$
61.....	$9\frac{7}{8}$	61....	$734\frac{7}{8}$
62.....	10.....	62....	$746\frac{7}{8}$
63.....	$10\frac{1}{8}$	63....	$758\frac{7}{8}$
64.....	$10\frac{1}{4}$	64....	$770\frac{7}{8}$
65.....	$10\frac{1}{2}$	65....	$782\frac{7}{8}$
66.....	$10\frac{3}{4}$	66....	$794\frac{7}{8}$
67.....	$10\frac{7}{8}$	67....	$806\frac{7}{8}$
68.....	11.....	68....	$818\frac{7}{8}$
69.....	$11\frac{1}{8}$	69....	$830\frac{7}{8}$
70.....	$11\frac{1}{4}$	70....	$842\frac{7}{8}$
71.....	$11\frac{1}{2}$	71....	$854\frac{7}{8}$
72.....	$11\frac{3}{4}$	72....	$866\frac{7}{8}$
73.....	$11\frac{7}{8}$	73....	$878\frac{7}{8}$
74.....	12.....	74....	$890\frac{7}{8}$
75.....	$12\frac{1}{8}$	75....	$902\frac{7}{8}$
76.....	$12\frac{1}{4}$	76....	$914\frac{7}{8}$
77.....	$12\frac{1}{2}$	77....	$926\frac{7}{8}$
78.....	$12\frac{3}{4}$	78....	$938\frac{7}{8}$
79.....	$12\frac{7}{8}$	79....	$950\frac{7}{8}$
80.....	13.....	80....	$962\frac{7}{8}$
81.....	$13\frac{1}{8}$	81....	$974\frac{7}{8}$
82.....	$13\frac{1}{4}$	82....	$986\frac{7}{8}$
83.....	$13\frac{1}{2}$	83....	$998\frac{7}{8}$
84.....	$13\frac{3}{4}$	84....	$1010\frac{7}{8}$
85.....	$13\frac{7}{8}$	85....	$1022\frac{7}{8}$
86.....	14.....	86....	$1034\frac{7}{8}$
87.....	$14\frac{1}{8}$	87....	$1046\frac{7}{8}$
88.....	$14\frac{1}{4}$	88....	$1058\frac{7}{8}$
89.....	$14\frac{1}{2}$	89....	$1070\frac{7}{8}$
90.....	$14\frac{3}{4}$	90....	$1082\frac{7}{8}$
91.....	$14\frac{7}{8}$	91....	$1094\frac{7}{8}$
92.....	15.....	92....	$1106\frac{7}{8}$
93.....	$15\frac{1}{8}$	93....	$1118\frac{7}{8}$
94.....	$15\frac{1}{4}$	94....	$1130\frac{7}{8}$
95.....	$15\frac{1}{2}$	95....	$1142\frac{7}{8}$
96.....	$15\frac{3}{4}$	96....	$1154\frac{7}{8}$
97.....	$15\frac{7}{8}$	97....	$1166\frac{7}{8}$
98.....	16.....	98....	$1178\frac{7}{8}$
99.....	$16\frac{1}{8}$	99....	$1190\frac{7}{8}$
100.....	$16\frac{1}{4}$	100....	$1202\frac{7}{8}$
101.....	$16\frac{1}{2}$	101....	$1214\frac{7}{8}$
102.....	$16\frac{3}{4}$	102....	$1226\frac{7}{8}$
103.....	$16\frac{7}{8}$	103....	$1238\frac{7}{8}$
104.....	17.....	104....	$1250\frac{7}{8}$
105.....	$17\frac{1}{8}$	105....	$1262\frac{7}{8}$
106.....	$17\frac{1}{4}$	106....	$1274\frac{7}{8}$
107.....	$17\frac{1}{2}$	107....	$1286\frac{7}{8}$
108.....	$17\frac{3}{4}$	108....	$1298\frac{7}{8}$
109.....	$17\frac{7}{8}$	109....	$1310\frac{7}{8}$
110.....	18.....	110....	$1322\frac{7}{8}$
111.....	$18\frac{1}{8}$	111....	$1334\frac{7}{8}$
112.....	$18\frac{1}{4}$	112....	$1346\frac{7}{8}$
113.....	$18\frac{1}{2}$	113....	$1358\frac{7}{8}$
114.....	$18\frac{3}{4}$	114....	$1370\frac{7}{8}$
115.....	$18\frac{7}{8}$	115....	$1382\frac{7}{8}$
116.....	19.....	116....	$1394\frac{7}{8}$
117.....	$19\frac{1}{8}$	117....	$1406\frac{7}{8}$
118.....	$19\frac{1}{4}$	118....	$1418\frac{7}{8}$
119.....	$19\frac{1}{2}$	119....	$1430\frac{7}{8}$
120.....	$19\frac{3}{4}$	120....	$1442\frac{7}{8}$
121.....	$19\frac{7}{8}$	121....	$1454\frac{7}{8}$
122.....	20.....	122....	$1466\frac{7}{8}$
123.....	$20\frac{1}{8}$	123....	$1478\frac{7}{8}$
124.....	$20\frac{1}{4}$	124....	$1490\frac{7}{8}$
125.....	$20\frac{1}{2}$	125....	$1502\frac{7}{8}$
126.....	$20\frac{3}{4}$	126....	$1514\frac{7}{8}$
127.....	$20\frac{7}{8}$	127....	$1526\frac{7}{8}$
128.....	21.....	128....	$1538\frac{7}{8}$
129.....	$21\frac{1}{8}$	129....	$1550\frac{7}{8}$
130.....	$21\frac{1}{4}$	130....	$1562\frac{7}{8}$
131.....	$21\frac{1}{2}$	131....	$1574\frac{7}{8}$
132.....	$21\frac{3}{4}$	132....	$1586\frac{7}{8}$
133.....	$21\frac{7}{8}$	133....	$1598\frac{7}{8}$
134.....	22.....	134....	$1610\frac{7}{8}$
135.....	$22\frac{1}{8}$	135....	$1622\frac{7}{8}$
136.....	$22\frac{1}{4}$	136....	$1634\frac{7}{8}$
137.....	$22\frac{1}{2}$	137....	$1646\frac{7}{8}$
138.....	$22\frac{3}{4}$	138....	$1658\frac{7}{8}$
139.....	$22\frac{7}{8}$	139....	$1670\frac{7}{8}$
140.....	23.....	140....	$1682\frac{7}{8}$
141.....	$23\frac{1}{8}$	141....	$1694\frac{7}{8}$
142.....	$23\frac{1}{4}$	142....	$1706\frac{7}{8}$
143.....	$23\frac{1}{2}$	143....	$1718\frac{7}{8}$
144.....	$23\frac{3}{4}$	144....	$1730\frac{7}{8}$
145.....	$23\frac{7}{8}$	145....	$1742\frac{7}{8}$
146.....	24.....	146....	$1754\frac{7}{8}$
147.....	$24\frac{1}{8}$	147....	$1766\frac{7}{8}$
148.....	$24\frac{1}{4}$	148....	$1778\frac{7}{8}$
149.....	$24\frac{1}{2}$	149....	$1790\frac{7}{8}$
150.....	$24\frac{3}{4}$	150....	$1802\frac{7}{8}$
151.....	$24\frac{7}{8}$	151....	$1814\frac{7}{8}$
152.....	25.....	152....	$1826\frac{7}{8}$
153.....	$25\frac{1}{8}$	153....	$1838\frac{7}{8}$
154.....	$25\frac{1}{4}$	154....	$1850\frac{7}{8}$
155.....	$25\frac{1}{2}$	155....	$1862\frac{7}{8}$
156.....	$25\frac{3}{4}$	156....	$1874\frac{7}{8}$
157.....	$25\frac{7}{8}$	157....	$1886\frac{7}{8}$
158.....	26.....	158....	$1898\frac{7}{8}$
159.....	$26\frac{1}{8}$	159....	$1910\frac{7}{8}$
160.....	$26\frac{1}{4}$	160....	$1922\frac{7}{8}$
161.....	$26\frac{1}{2}$	161....	$1934\frac{7}{8}$
162.....	$26\frac{3}{4}$	162....	$1946\frac{7}{8}$
163.....	$26\frac{7}{8}$	163....	$1958\frac{7}{8}$
164.....	27.....	164....	$1970\frac{7}{8}$
165.....	$27\frac{1}{8}$	165....	$1982\frac{7}{8}$
166.....	$27\frac{1}{4}$	166....	$1994\frac{7}{8}$
167.....	$27\frac{1}{2}$	167....	$2006\frac{7}{8}$
168.....	$27\frac{3}{4}$	168....	$2018\frac{7}{8}$
169.....	$27\frac{7}{8}$	169....	$2030\frac{7}{8}$
170.....	28.....	170....	$2042\frac{7}{8}$
171.....	$28\frac{1}{8}$	171....	$2054\frac{7}{8}$
172.....	$28\frac{1}{4}$	172....	$2066\frac{7}{8}$
173.....	$28\frac{1}{2}$	173....	$2078\frac{7}{8}$
174.....	$28\frac{3}{4}$	174....	$2090\frac{7}{8}$
175.....	$28\frac{7}{8}$	175....	$2102\frac{7}{8}$
176.....	29.....	176....	$2114\frac{7}{8}$
177.....	$29\frac{1}{8}$	177....	$2126\frac{7}{8}$
178.....	$29\frac{1}{4}$	178....	$2138\frac{7}{8}$
179.....	$29\frac{1}{2}$	179....	$2150\frac{7}{8}$
180.....	$29\frac{3}{4}$	180....	$2162\frac{7}{8}$
181.....	$29\frac{7}{8}$	181....	$2174\frac{7}{8}$
182.....	30.....	182....	$2186\frac{7}{8}$
183.....	$30\frac{1}{8}$	183....	$2198\frac{7}{8}$
184.....	$30\frac{1}{4}$	184....	$2210\frac{7}{8}$
185.....	$30\frac{1}{2}$	185....	$2222\frac{7}{8}$
186.....	$30\frac{3}{4}$	186....	$2234\frac{7}{8}$
187.....	$30\frac{7}{8}$	187....	$2246\frac{7}{8}$
188.....	31.....	188....	$2258\frac{7}{8}$
189.....	$31\frac{1}{8}$	189....	$2270\frac{7}{8}$
190.....	$31\frac{1}{4}$	190....	$2282\frac{7}{8}$
191.....	$31\frac{1}{2}$	191....	$2294\frac{7}{8}$
192.....	$31\frac{3}{4}$	192....	$2306\frac{7}{8}$
193.....	$31\frac{7}{8}$	193....	$2318\frac{7}{8}$
194.....	32.....	194....	$2330\frac{7}{8}$
195.....	$32\frac{1}{8}$	195....	$2342\frac{7}{8}$
196.....	$32\frac{1}{4}$	196....	$2354\frac{7}{8}$
197.....	$32\frac{1}{2}$	197....	$2366\frac{7}{8}$
198.....	$32\frac{3}{4}$	198....	$2378\frac{7}{8}$
199.....	$32\frac{7}{8}$	199....	$2390\frac{7}{8}$
200.....	33.....	200....	$2402\frac{7}{8}$
201.....	$33\frac{1}{8}$	201....	$2414\frac{7}{8}$
202.....	$33\frac{1}{4}$	202....	$2426\frac{7}{8}$
203.....	$33\frac{1}{2}$	203....	$2438\frac{7}{8}$
204.....	$33\frac{3}{4}$	204....	$2450\frac{7}{8}$
205.....	$33\frac{7}{8}$	205....	$$

Sp. Gr. .926.

12.0950 Gallons to 1 Cwt.

241.9006 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	12 $\frac{1}{8}$
2.....	$\frac{1}{4}$	2....	24 $\frac{1}{4}$
3.....	$\frac{3}{8}$	3....	36 $\frac{1}{8}$
4.....	$\frac{1}{2}$	4....	48 $\frac{3}{8}$
5.....	$\frac{5}{8}$	5....	60 $\frac{1}{2}$
6.....	$\frac{3}{4}$	6....	72 $\frac{5}{8}$
7.....	$\frac{7}{8}$	7....	84 $\frac{5}{8}$
8.....	1.....	8....	96 $\frac{3}{4}$
9.....	1 $\frac{1}{8}$	9....	108 $\frac{7}{8}$
10.....	1 $\frac{1}{4}$	10....	121....
11.....	1 $\frac{1}{2}$	11....	133....
12.....	1 $\frac{3}{4}$	12....	145 $\frac{1}{8}$
13.....	1 $\frac{7}{8}$	13....	157 $\frac{1}{4}$
14.....	2.....	14....	169 $\frac{3}{8}$
15.....	2 $\frac{1}{8}$	15....	181 $\frac{3}{8}$
16.....	2 $\frac{1}{4}$	16....	193 $\frac{1}{2}$
17.....	2 $\frac{1}{2}$	17....	205 $\frac{5}{8}$
18.....	2 $\frac{3}{4}$	18....	217 $\frac{3}{4}$
19.....	2 $\frac{7}{8}$	19....	229 $\frac{3}{4}$
20.....	3.....	20....	241 $\frac{7}{8}$
21.....	3 $\frac{1}{8}$	21....	262 $\frac{7}{8}$
22.....	3 $\frac{1}{4}$	22....	283 $\frac{1}{4}$
23.....	3 $\frac{1}{2}$	23....	304 $\frac{1}{2}$
24.....	3 $\frac{3}{4}$	24....	325 $\frac{3}{4}$
25.....	3 $\frac{7}{8}$	25....	346 $\frac{5}{8}$
26.....	4.....	26....	367 $\frac{5}{8}$
27.....	4 $\frac{1}{8}$	27....	388 $\frac{1}{2}$
28.....	4 $\frac{1}{4}$	28....	409 $\frac{1}{4}$
29.....	4 $\frac{1}{2}$	29....	430 $\frac{1}{2}$
30.....	4 $\frac{3}{4}$	30....	451 $\frac{3}{4}$
31.....	4 $\frac{7}{8}$	31....	472 $\frac{7}{8}$
32.....	5.....	32....	493 $\frac{7}{8}$
33.....	5 $\frac{1}{8}$	33....	514 $\frac{1}{4}$
34.....	5 $\frac{1}{4}$	34....	535 $\frac{1}{4}$
35.....	5 $\frac{1}{2}$	35....	556 $\frac{1}{2}$
36.....	5 $\frac{3}{4}$	36....	577 $\frac{3}{4}$
37.....	5 $\frac{7}{8}$	37....	598 $\frac{7}{8}$
38.....	6.....	38....	619 $\frac{7}{8}$
39.....	6 $\frac{1}{8}$	39....	640 $\frac{1}{4}$
40.....	6 $\frac{1}{4}$	40....	661 $\frac{1}{4}$
41.....	6 $\frac{1}{2}$	41....	682 $\frac{1}{2}$
42.....	6 $\frac{3}{4}$	42....	703 $\frac{3}{4}$
43.....	6 $\frac{7}{8}$	43....	724 $\frac{7}{8}$
44.....	7.....	44....	745 $\frac{7}{8}$
45.....	7 $\frac{1}{8}$	45....	766 $\frac{1}{4}$
46.....	7 $\frac{1}{4}$	46....	787 $\frac{1}{4}$
47.....	7 $\frac{1}{2}$	47....	808 $\frac{1}{2}$
48.....	7 $\frac{3}{4}$	48....	829 $\frac{3}{4}$
49.....	7 $\frac{7}{8}$	49....	850 $\frac{7}{8}$
50.....	8.....	50....	871 $\frac{7}{8}$
51.....	8 $\frac{1}{8}$	51....	892 $\frac{1}{4}$
52.....	8 $\frac{1}{4}$	52....	913 $\frac{1}{4}$
53.....	8 $\frac{1}{2}$	53....	934 $\frac{1}{2}$
54.....	8 $\frac{3}{4}$	54....	955 $\frac{3}{4}$
55.....	8 $\frac{7}{8}$	55....	976 $\frac{7}{8}$
56.....	9.....	56....	997 $\frac{7}{8}$
57.....	9 $\frac{1}{8}$	57....	1018 $\frac{1}{4}$
58.....	9 $\frac{1}{4}$	58....	1039 $\frac{1}{4}$
59.....	9 $\frac{1}{2}$	59....	1060 $\frac{1}{2}$
60.....	9 $\frac{3}{4}$	60....	1081 $\frac{3}{4}$
61.....	9 $\frac{7}{8}$	61....	1102 $\frac{7}{8}$
62.....	10.....	62....	1123 $\frac{7}{8}$
63.....	10 $\frac{1}{8}$	63....	1144 $\frac{1}{4}$
64.....	10 $\frac{1}{4}$	64....	1165 $\frac{1}{4}$
65.....	10 $\frac{1}{2}$	65....	1186 $\frac{1}{2}$
66.....	10 $\frac{3}{4}$	66....	1207 $\frac{3}{4}$
67.....	10 $\frac{7}{8}$	67....	1228 $\frac{7}{8}$
68.....	11.....	68....	1249 $\frac{7}{8}$
69.....	11 $\frac{1}{8}$	69....	1270 $\frac{1}{4}$
70.....	11 $\frac{1}{4}$	70....	1291 $\frac{1}{4}$
71.....	11 $\frac{1}{2}$	71....	1312 $\frac{1}{2}$
72.....	11 $\frac{3}{4}$	72....	1333 $\frac{3}{4}$
73.....	11 $\frac{7}{8}$	73....	1354 $\frac{7}{8}$
74.....	12.....	74....	1375 $\frac{7}{8}$
75.....	12 $\frac{1}{8}$	75....	1396 $\frac{1}{4}$
76.....	12 $\frac{1}{4}$	76....	1417 $\frac{1}{4}$
77.....	12 $\frac{1}{2}$	77....	1438 $\frac{1}{2}$
78.....	12 $\frac{3}{4}$	78....	1459 $\frac{3}{4}$
79.....	12 $\frac{7}{8}$	79....	1480 $\frac{7}{8}$
80.....	13.....	80....	1501 $\frac{7}{8}$
81.....	13 $\frac{1}{8}$	81....	1522 $\frac{1}{4}$
82.....	13 $\frac{1}{4}$	82....	1543 $\frac{1}{4}$
83.....	13 $\frac{1}{2}$	83....	1564 $\frac{1}{2}$
84.....	13 $\frac{3}{4}$	84....	1585 $\frac{3}{4}$
85.....	13 $\frac{7}{8}$	85....	1606 $\frac{7}{8}$
86.....	14.....	86....	1627 $\frac{7}{8}$
87.....	14 $\frac{1}{8}$	87....	1648 $\frac{1}{4}$
88.....	14 $\frac{1}{4}$	88....	1669 $\frac{1}{4}$
89.....	14 $\frac{1}{2}$	89....	1690 $\frac{1}{2}$
90.....	14 $\frac{3}{4}$	90....	1711 $\frac{3}{4}$
91.....	14 $\frac{7}{8}$	91....	1732 $\frac{7}{8}$
92.....	15.....	92....	1753 $\frac{7}{8}$
93.....	15 $\frac{1}{8}$	93....	1774 $\frac{1}{4}$
94.....	15 $\frac{1}{4}$	94....	1795 $\frac{1}{4}$
95.....	15 $\frac{1}{2}$	95....	1816 $\frac{1}{2}$
96.....	15 $\frac{3}{4}$	96....	1837 $\frac{3}{4}$
97.....	15 $\frac{7}{8}$	97....	1858 $\frac{7}{8}$
98.....	16.....	98....	1879 $\frac{7}{8}$
99.....	16 $\frac{1}{8}$	99....	1900 $\frac{1}{4}$
100.....	16 $\frac{1}{4}$	100....	1921 $\frac{1}{4}$
101.....	16 $\frac{1}{2}$	101....	1942 $\frac{1}{2}$
102.....	16 $\frac{3}{4}$	102....	1963 $\frac{3}{4}$
103.....	16 $\frac{7}{8}$	103....	1984 $\frac{7}{8}$
104.....	17.....	104....	2005 $\frac{7}{8}$
105.....	17 $\frac{1}{8}$	105....	2026 $\frac{1}{4}$
106.....	17 $\frac{1}{4}$	106....	2047 $\frac{1}{4}$
107.....	17 $\frac{1}{2}$	107....	2068 $\frac{1}{2}$
108.....	17 $\frac{3}{4}$	108....	2089 $\frac{3}{4}$
109.....	17 $\frac{7}{8}$	109....	2110 $\frac{7}{8}$
110.....	18.....	110....	2131 $\frac{7}{8}$
111.....	18 $\frac{1}{8}$	111....	2152 $\frac{1}{4}$
112.....	18 $\frac{1}{4}$	112....	2173 $\frac{1}{4}$
113.....	18 $\frac{1}{2}$	113....	2194 $\frac{1}{2}$
114.....	18 $\frac{3}{4}$	114....	2215 $\frac{3}{4}$
115.....	18 $\frac{7}{8}$	115....	2236 $\frac{7}{8}$
116.....	19.....	116....	2257 $\frac{7}{8}$
117.....	19 $\frac{1}{8}$	117....	2278 $\frac{1}{4}$
118.....	19 $\frac{1}{4}$	118....	2299 $\frac{1}{4}$
119.....	19 $\frac{1}{2}$	119....	2320 $\frac{1}{2}$
120.....	19 $\frac{3}{4}$	120....	2341 $\frac{3}{4}$
121.....	19 $\frac{7}{8}$	121....	2362 $\frac{7}{8}$
122.....	20.....	122....	2383 $\frac{7}{8}$
123.....	20 $\frac{1}{8}$	123....	2404 $\frac{1}{4}$
124.....	20 $\frac{1}{4}$	124....	2425 $\frac{1}{4}$
125.....	20 $\frac{1}{2}$	125....	2446 $\frac{1}{2}$
126.....	20 $\frac{3}{4}$	126....	2467 $\frac{3}{4}$
127.....	20 $\frac{7}{8}$	127....	2488 $\frac{7}{8}$
128.....	21.....	128....	2509 $\frac{7}{8}$
129.....	21 $\frac{1}{8}$	129....	2530 $\frac{1}{4}$
130.....	21 $\frac{1}{4}$	130....	2551 $\frac{1}{4}$
131.....	21 $\frac{1}{2}$	131....	2572 $\frac{1}{2}$
132.....	21 $\frac{3}{4}$	132....	2593 $\frac{3}{4}$
133.....	21 $\frac{7}{8}$	133....	2614 $\frac{7}{8}$
134.....	22.....	134....	2635 $\frac{7}{8}$
135.....	22 $\frac{1}{8}$	135....	2656 $\frac{1}{4}$
136.....	22 $\frac{1}{4}$	136....	2677 $\frac{1}{4}$
137.....	22 $\frac{1}{2}$	137....	2698 $\frac{1}{2}$
138.....	22 $\frac{3}{4}$	138....	2719 $\frac{3}{4}$
139.....	22 $\frac{7}{8}$	139....	2740 $\frac{7}{8}$
140.....	23.....	140....	2761 $\frac{7}{8}$
141.....	23 $\frac{1}{8}$	141....	2782 $\frac{1}{4}$
142.....	23 $\frac{1}{4}$	142....	2803 $\frac{1}{4}$
143.....	23 $\frac{1}{2}$	143....	2824 $\frac{1}{2}$
144.....	23 $\frac{3}{4}$	144....	2845 $\frac{3}{4}$
145.....	23 $\frac{7}{8}$	145....	2866 $\frac{7}{8}$
146.....	24.....	146....	2887 $\frac{7}{8}$
147.....	24 $\frac{1}{8}$	147....	2908 $\frac{1}{4}$
148.....	24 $\frac{1}{4}$	148....	2929 $\frac{1}{4}$
149.....	24 $\frac{1}{2}$	149....	2950 $\frac{1}{2}$
150.....	24 $\frac{3}{4}$	150....	2971 $\frac{3}{4}$
151.....	24 $\frac{7}{8}$	151....	2992 $\frac{7}{8}$
152.....	25.....	152....	3013 $\frac{7}{8}$
153.....	25 $\frac{1}{8}$	153....	3034 $\frac{1}{4}$
154.....	25 $\frac{1}{4}$	154....	3055 $\frac{1}{4}$
155.....	25 $\frac{1}{2}$	155....	3076 $\frac{1}{2}$
156.....	25 $\frac{3}{4}$	156....	3097 $\frac{3}{4}$
157.....	25 $\frac{7}{8}$	157....	3118 $\frac{7}{8}$
158.....	26.....	158....	3139 $\frac{7}{8}$
159.....	26 $\frac{1}{8}$	159....	3160 $\frac{1}{4}$
160.....	26 $\frac{1}{4}$	160....	3181 $\frac{1}{4}$
161.....	26 $\frac{1}{2}$	161....	3202 $\frac{1}{2}$
162.....	26 $\frac{3}{4}$	162....	3223 $\frac{3}{4}$
163.....	26 $\frac{7}{8}$	163....	3244 $\frac{7}{8}$
164.....	27.....	164....	3265 $\frac{7}{8}$
165.....	27 $\frac{1}{8}$	165....	3286 $\frac{1}{4}$
166.....	27 $\frac{1}{4}$	166....	3307 $\frac{1}{4}$
167.....	27 $\frac{1}{2}$	167....	3328 $\frac{1}{2}$
168.....	27 $\frac{3}{4}$	168....	3349 $\frac{3}{4}$
169.....	27 $\frac{7}{8}$	169....	3370 $\frac{7}{8}$
170.....	28.....	170....	3391 $\frac{7}{8}$
171.....	28 $\frac{1}{8}$	171....	3412 $\frac{1}{4}$
172.....	28 $\frac{1}{4}$	172....	3433 $\frac{1}{4}$
173.....	28 $\frac{1}{2}$	173....	3454 $\frac{1}{2}$
174.....	28 $\frac{3}{4}$	174....	3475 $\frac{3}{4}$
175.....	28 $\frac{7}{8}$	175....	3496 $\frac{7}{8}$
176.....	29.....	176....	3517 $\frac{7}{8}$
177.....	29 $\frac{1}{8}$	177....	3538 $\frac{1}{4}$
178.....	29 $\frac{1}{4}$	178....	3559 $\frac{1}{4}$
179.....	29 $\frac{1}{2}$	179....	3580 $\frac{1}{2}$
180.....	29 $\frac{3}{4}$	180....	3601 $\frac{3}{4}$
181.....	29 $\frac{7}{8}$	181....	3622 $\frac{7}{8}$
182.....	30.....	182....	3643 $\frac{7}{8}$
183.....	30 $\frac{1}{8}$	183....	3664 $\frac{1}{4}$
184.....	30 $\frac{1}{4}$	184....	3685 $\frac{1}{4}$
185.....	30 $\frac{1}{2}$	185....	3706 $\frac{1}{2}$
186.....	30 $\frac{3}{4}$	186....	3727 $\frac{3}{4}$
187.....	30 $\frac{7}{8}$	187....	3748 $\frac{7}{8}$
188.....	31.....	188....	3769 $\frac{7}{8}$
189.....	31 $\frac{1}{8}$	189....	3790 $\frac{1}{4}$
190.....	31 $\frac{1}{4}$	190....	3811 $\frac{1}{4}$
191.....	31 $\frac{1}{2}$	191....	3832 $\frac{1}{2}$
192.....	31 $\frac{3}{4}$	192....	3853 $\frac{3}{4}$
193.....	31 $\frac{7}{8}$	193....	3874 $\frac{7}{8}$
194.....	32.....	194....	3895 $\frac{7}{8}$
195.....	32 $\frac{1}{8}$	195....	3916 $\frac{1}{4}$
196.....	32 $\frac{1}{4}$	196....	3937 $\frac{1}{4}$
197.....	32 $\frac{1}{2}$	197....	3958 $\frac{1}{2}$
198.....	32 $\frac{3}{4}$	198....	3979 $\frac{3}{4}$
199.....	32 $\frac{7}{8}$	199....	4000 $\frac{7}{8}$
200.....	33.....	200....	4021 $\frac{7}{8}$

Sp. Gr. '928.

12·0690 Gallons to 1 Cwt.

241·3793 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1..... $\frac{1}{8}$	·1078	1.... $12\frac{1}{8}$	12·0690
2..... $\frac{1}{4}$	·2155	2.... $21\frac{1}{8}$	24·1379
3..... $\frac{3}{8}$	·3233	3.... $36\frac{1}{4}$	36·2069
4..... $\frac{3}{8}$	·4310	4.... $48\frac{1}{4}$	48·2759
5..... $\frac{1}{2}$	·5388	5.... $60\frac{3}{8}$	60·3448
6..... $\frac{5}{8}$	·6465	6.... $72\frac{3}{8}$	72·4138
7..... $\frac{3}{4}$	·7543	7.... $81\frac{1}{2}$	84·4828
8..... $\frac{7}{8}$	·8621	8.... $96\frac{1}{2}$	96·5517
9.....1.....	·9698	9.... $108\frac{5}{8}$	108·6207
10..... $1\frac{1}{8}$	1·0776	10.... $120\frac{3}{4}$	120·6896
11..... $1\frac{1}{8}$	1·1853	11.... $132\frac{3}{4}$	132·7586
12..... $1\frac{1}{4}$	1·2931	12.... $144\frac{7}{8}$	144·8276
13..... $1\frac{3}{8}$	1·4009	13.... $156\frac{7}{8}$	156·8965
14..... $1\frac{1}{2}$	1·5086	14....169.....	168·9655
15..... $1\frac{5}{8}$	1·6164	15....181.....	181·0345
16..... $1\frac{3}{4}$	1·7241	16.... $193\frac{1}{8}$	193·1034
17..... $1\frac{7}{8}$	1·8319	17.... $205\frac{1}{8}$	205·1724
18.....2.....	1·9396	18.... $217\frac{1}{4}$	217·2414
19.....2.....	2·0474	19.... $229\frac{1}{4}$	229·3103
20..... $2\frac{1}{8}$	2·1552	20.... $241\frac{3}{8}$	241·3793
21..... $2\frac{1}{4}$	2·2629	30.... $362\frac{1}{8}$	362·0690
22..... $2\frac{3}{8}$	2·3707	40.... $482\frac{3}{4}$	482·7586
23..... $2\frac{1}{2}$	2·4784	50.... $603\frac{1}{2}$	603·4483
24..... $2\frac{5}{8}$	2·5862	60.... $724\frac{1}{8}$	724·1379
25..... $2\frac{3}{4}$	2·6940	70.... $844\frac{7}{8}$	844·8276
26..... $2\frac{3}{4}$	2·8017	80.... $965\frac{1}{2}$	965·5172
27..... $2\frac{7}{8}$	2·9095	90.... $1086\frac{1}{4}$	1086·2069
Qrs.			
1.....3.....	3·0172	100.... $1206\frac{7}{8}$	1206·8965
2.....6.....	6·0345	200.... $2413\frac{3}{4}$	2413·7931
3.....9.....	9·0517	300.... $3620\frac{3}{4}$	3620·6896

OIL TRADE CALCULATOR

Sp. Gr. .930.

12·0430 Gallons to 1 Cwt.

240·8602 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	12 12·0430
2.....	$\frac{1}{4}$	2....	24 $\frac{1}{8}$ 24·0860
3.....	$\frac{3}{8}$	3....	36 $\frac{1}{8}$ 36·1290
4.....	$\frac{3}{8}$	4....	48 $\frac{1}{8}$ 48·1720
5.....	$\frac{1}{2}$	5....	60 $\frac{1}{4}$ 60·2150
6.....	$\frac{5}{8}$	6....	72 $\frac{1}{4}$ 72·2581
7.....	$\frac{3}{4}$	7....	84 $\frac{1}{4}$ 84·3011
8.....	$\frac{7}{8}$	8....	96 $\frac{3}{8}$ 96·3441
9.....	1.....	9....	108 $\frac{3}{8}$ 108·3871
10.....	1 $\frac{1}{8}$	10....	120 $\frac{3}{8}$ 120·4301
11.....	1 $\frac{1}{8}$	11....	132 $\frac{1}{2}$ 132·4731
12.....	1 $\frac{1}{4}$	12....	144 $\frac{1}{2}$ 144·5161
13.....	1 $\frac{3}{8}$	13....	156 $\frac{1}{2}$ 156·5591
14.....	1 $\frac{1}{2}$	14....	168 $\frac{5}{8}$ 168·6021
15.....	1 $\frac{5}{8}$	15....	180 $\frac{5}{8}$ 180·6452
16.....	1 $\frac{3}{4}$	16....	192 $\frac{3}{4}$ 192·6882
17.....	1 $\frac{7}{8}$	17....	204 $\frac{3}{4}$ 204·7312
18.....	1 $\frac{7}{8}$	18....	216 $\frac{3}{4}$ 216·7742
19.....	2.....	19....	228 $\frac{7}{8}$ 228·8172
20.....	2 $\frac{1}{8}$	20....	240 $\frac{7}{8}$ 240·8602
21.....	2 $\frac{1}{4}$	30....	361 $\frac{1}{4}$ 361·2903
22.....	2 $\frac{1}{8}$	40....	481 $\frac{3}{4}$ 481·7204
23.....	2 $\frac{1}{2}$	50....	602 $\frac{1}{8}$ 602·1505
24.....	2 $\frac{5}{8}$	60....	722 $\frac{5}{8}$ 722·5806
25.....	2 $\frac{3}{4}$	70....	843 843·0107
26.....	2 $\frac{3}{4}$	80....	963 $\frac{1}{2}$ 963·4409
27.....	2 $\frac{7}{8}$	90....	1083 $\frac{7}{8}$ 1083·8710
Qrs.			
1.....	3.....	100....	1204 $\frac{1}{4}$ 1204·3011
2.....	6.....	200....	2408 $\frac{5}{8}$ 2408·6021
3.....	9.....	300....	3612 $\frac{7}{8}$ 3612·9032

Sp. Gr. .932.

12·0172 Gallons to 1 Cwt.

240·3433 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	12 12·0172
2.....	$\frac{1}{4}$	2....	24 24·0343
3.....	$\frac{3}{8}$	3....	36 36·0515
4.....	$\frac{3}{8}$	4....	48 $\frac{1}{8}$ 48·0687
5.....	$\frac{1}{2}$	5....	60 $\frac{1}{8}$ 60·0858
6.....	$\frac{5}{8}$	6....	72 $\frac{1}{8}$ 72·1030
7.....	$\frac{3}{4}$	7....	84 $\frac{1}{8}$ 84·1202
8.....	$\frac{7}{8}$	8....	96 $\frac{1}{8}$ 96·1373
9.....	1.....	9....	108 $\frac{1}{8}$ 108·1545
10.....	1 $\frac{1}{8}$	10....	120 $\frac{1}{8}$ 120·1717
11.....	1 $\frac{1}{8}$	11....	132 $\frac{1}{4}$ 132·1888
12.....	1 $\frac{1}{4}$	12....	144 $\frac{1}{4}$ 144·2060
13.....	1 $\frac{3}{8}$	13....	156 $\frac{1}{4}$ 156·2232
14.....	1 $\frac{1}{2}$	14....	168 $\frac{1}{4}$ 168·2403
15.....	1 $\frac{5}{8}$	15....	180 $\frac{1}{4}$ 180·2575
16.....	1 $\frac{3}{4}$	16....	192 $\frac{1}{4}$ 192·2747
17.....	1 $\frac{7}{8}$	17....	204 $\frac{1}{4}$ 204·2918
18.....	1 $\frac{7}{8}$	18....	216 $\frac{1}{4}$ 216·3090
19.....	2.....	19....	228 $\frac{3}{8}$ 228·3262
20.....	2 $\frac{1}{8}$	20....	240 $\frac{3}{8}$ 240·3433
21.....	2 $\frac{1}{4}$	30....	360 $\frac{1}{2}$ 360·5150
22.....	2 $\frac{3}{8}$	40....	480 $\frac{5}{8}$ 480·6867
23.....	2 $\frac{1}{2}$	50....	600 $\frac{7}{8}$ 600·8584
24.....	2 $\frac{5}{8}$	60....	721 721·0300
25.....	2 $\frac{3}{4}$	70....	841 $\frac{1}{4}$ 841·2017
26.....	2 $\frac{3}{4}$	80....	961 $\frac{3}{8}$ 961·3734
27.....	2 $\frac{7}{8}$	90....	1081 $\frac{1}{2}$ 1081·5451
Qrs.			
1.....	3.....	100....	1201 $\frac{3}{4}$ 1201·7167
2.....	6.....	200....	2403 $\frac{3}{8}$ 2403·4335
3.....	9.....	300....	3605 $\frac{1}{8}$ 3605·1502

Sp. Gr. .934.			
11.9914 Gallons to 1 Cwt.		239.8287 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	12
2.....	$\frac{1}{4}$	2....	24
3.....	$\frac{3}{8}$	3....	36
4.....	$\frac{1}{2}$	4....	48
5.....	$\frac{5}{8}$	5....	60
6.....	$\frac{3}{4}$	6....	72
7.....	$\frac{7}{8}$	7....	84
8.....	1.....	8....	95 $\frac{7}{8}$
9.....	1 $\frac{1}{8}$	9....	107 $\frac{7}{8}$
10.....	1 $\frac{1}{4}$	10....	119 $\frac{7}{8}$
11.....	1 $\frac{1}{2}$	11....	131 $\frac{7}{8}$
12.....	1 $\frac{3}{4}$	12....	143 $\frac{7}{8}$
13.....	2.....	13....	155 $\frac{7}{8}$
14.....	2 $\frac{1}{8}$	14....	167 $\frac{7}{8}$
15.....	2 $\frac{1}{4}$	15....	179 $\frac{7}{8}$
16.....	2 $\frac{1}{2}$	16....	191 $\frac{7}{8}$
17.....	2 $\frac{3}{4}$	17....	203 $\frac{7}{8}$
18.....	3.....	18....	215 $\frac{7}{8}$
19.....	3 $\frac{1}{8}$	19....	227 $\frac{7}{8}$
20.....	3 $\frac{1}{4}$	20....	239 $\frac{7}{8}$
21.....	3 $\frac{1}{2}$	21....	251 $\frac{7}{8}$
22.....	3 $\frac{3}{4}$	22....	263 $\frac{7}{8}$
23.....	4.....	23....	275 $\frac{7}{8}$
24.....	4 $\frac{1}{8}$	24....	287 $\frac{7}{8}$
25.....	4 $\frac{1}{4}$	25....	299 $\frac{7}{8}$
26.....	4 $\frac{1}{2}$	26....	311 $\frac{7}{8}$
27.....	4 $\frac{3}{4}$	27....	323 $\frac{7}{8}$
28.....	5.....	28....	335 $\frac{7}{8}$
29.....	5 $\frac{1}{8}$	29....	347 $\frac{7}{8}$
30.....	5 $\frac{1}{4}$	30....	359 $\frac{7}{8}$
31.....	5 $\frac{1}{2}$	31....	371 $\frac{7}{8}$
32.....	5 $\frac{3}{4}$	32....	383 $\frac{7}{8}$
33.....	6.....	33....	395 $\frac{7}{8}$
34.....	6 $\frac{1}{8}$	34....	407 $\frac{7}{8}$
35.....	6 $\frac{1}{4}$	35....	419 $\frac{7}{8}$
36.....	6 $\frac{1}{2}$	36....	431 $\frac{7}{8}$
37.....	6 $\frac{3}{4}$	37....	443 $\frac{7}{8}$
38.....	7.....	38....	455 $\frac{7}{8}$
39.....	7 $\frac{1}{8}$	39....	467 $\frac{7}{8}$
40.....	7 $\frac{1}{4}$	40....	479 $\frac{7}{8}$
41.....	7 $\frac{1}{2}$	41....	491 $\frac{7}{8}$
42.....	7 $\frac{3}{4}$	42....	503 $\frac{7}{8}$
43.....	8.....	43....	515 $\frac{7}{8}$
44.....	8 $\frac{1}{8}$	44....	527 $\frac{7}{8}$
45.....	8 $\frac{1}{4}$	45....	539 $\frac{7}{8}$
46.....	8 $\frac{1}{2}$	46....	551 $\frac{7}{8}$
47.....	8 $\frac{3}{4}$	47....	563 $\frac{7}{8}$
48.....	9.....	48....	575 $\frac{7}{8}$
49.....	9 $\frac{1}{8}$	49....	587 $\frac{7}{8}$
50.....	9 $\frac{1}{4}$	50....	599 $\frac{7}{8}$
51.....	9 $\frac{1}{2}$	51....	611 $\frac{7}{8}$
52.....	9 $\frac{3}{4}$	52....	623 $\frac{7}{8}$
53.....	10.....	53....	635 $\frac{7}{8}$
54.....	10 $\frac{1}{8}$	54....	647 $\frac{7}{8}$
55.....	10 $\frac{1}{4}$	55....	659 $\frac{7}{8}$
56.....	10 $\frac{1}{2}$	56....	671 $\frac{7}{8}$
57.....	10 $\frac{3}{4}$	57....	683 $\frac{7}{8}$
58.....	11.....	58....	695 $\frac{7}{8}$
59.....	11 $\frac{1}{8}$	59....	707 $\frac{7}{8}$
60.....	11 $\frac{1}{4}$	60....	719 $\frac{7}{8}$
61.....	11 $\frac{1}{2}$	61....	731 $\frac{7}{8}$
62.....	11 $\frac{3}{4}$	62....	743 $\frac{7}{8}$
63.....	12.....	63....	755 $\frac{7}{8}$
64.....	12 $\frac{1}{8}$	64....	767 $\frac{7}{8}$
65.....	12 $\frac{1}{4}$	65....	779 $\frac{7}{8}$
66.....	12 $\frac{1}{2}$	66....	791 $\frac{7}{8}$
67.....	12 $\frac{3}{4}$	67....	803 $\frac{7}{8}$
68.....	13.....	68....	815 $\frac{7}{8}$
69.....	13 $\frac{1}{8}$	69....	827 $\frac{7}{8}$
70.....	13 $\frac{1}{4}$	70....	839 $\frac{7}{8}$
71.....	13 $\frac{1}{2}$	71....	851 $\frac{7}{8}$
72.....	13 $\frac{3}{4}$	72....	863 $\frac{7}{8}$
73.....	14.....	73....	875 $\frac{7}{8}$
74.....	14 $\frac{1}{8}$	74....	887 $\frac{7}{8}$
75.....	14 $\frac{1}{4}$	75....	899 $\frac{7}{8}$
76.....	14 $\frac{1}{2}$	76....	911 $\frac{7}{8}$
77.....	14 $\frac{3}{4}$	77....	923 $\frac{7}{8}$
78.....	15.....	78....	935 $\frac{7}{8}$
79.....	15 $\frac{1}{8}$	79....	947 $\frac{7}{8}$
80.....	15 $\frac{1}{4}$	80....	959 $\frac{7}{8}$
81.....	15 $\frac{1}{2}$	81....	971 $\frac{7}{8}$
82.....	15 $\frac{3}{4}$	82....	983 $\frac{7}{8}$
83.....	16.....	83....	995 $\frac{7}{8}$
84.....	16 $\frac{1}{8}$	84....	1007 $\frac{7}{8}$
85.....	16 $\frac{1}{4}$	85....	1019 $\frac{7}{8}$
86.....	16 $\frac{1}{2}$	86....	1031 $\frac{7}{8}$
87.....	16 $\frac{3}{4}$	87....	1043 $\frac{7}{8}$
88.....	17.....	88....	1055 $\frac{7}{8}$
89.....	17 $\frac{1}{8}$	89....	1067 $\frac{7}{8}$
90.....	17 $\frac{1}{4}$	90....	1079 $\frac{7}{8}$
91.....	17 $\frac{1}{2}$	91....	1091 $\frac{7}{8}$
92.....	17 $\frac{3}{4}$	92....	1103 $\frac{7}{8}$
93.....	18.....	93....	1115 $\frac{7}{8}$
94.....	18 $\frac{1}{8}$	94....	1127 $\frac{7}{8}$
95.....	18 $\frac{1}{4}$	95....	1139 $\frac{7}{8}$
96.....	18 $\frac{1}{2}$	96....	1151 $\frac{7}{8}$
97.....	18 $\frac{3}{4}$	97....	1163 $\frac{7}{8}$
98.....	19.....	98....	1175 $\frac{7}{8}$
99.....	19 $\frac{1}{8}$	99....	1187 $\frac{7}{8}$
100.....	19 $\frac{1}{4}$	100....	1199 $\frac{7}{8}$

Sp. Gr. '936.

11·9658 Gallons to 1 Cwt.

239·3162 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1..... $\frac{1}{8}$	·1068	1.... 12	11·9658
2..... $\frac{1}{4}$	·2137	2.... $23\frac{7}{8}$	23·9316
3..... $\frac{3}{8}$	·3205	3.... $35\frac{7}{8}$	35·8974
4..... $\frac{1}{2}$	·4273	4.... $47\frac{7}{8}$	47·8632
5..... $\frac{5}{8}$	·5342	5.... $59\frac{7}{8}$	59·8291
6..... $\frac{3}{4}$	·6410	6.... $71\frac{3}{4}$	71·7949
7..... $\frac{7}{8}$	·7479	7.... $83\frac{3}{4}$	83·7607
8.....1.....	·8547	8.... $95\frac{3}{4}$	95·7265
9..... $1\frac{1}{8}$	·9615	9.... $107\frac{3}{4}$	107·6923
10..... $1\frac{1}{4}$	1·0684	10.... $119\frac{5}{8}$	119·6581
11..... $1\frac{1}{2}$	1·1752	11.... $131\frac{5}{8}$	131·6239
12..... $1\frac{3}{4}$	1·2820	12.... $143\frac{5}{8}$	143·5897
13..... $1\frac{7}{8}$	1·3889	13.... $155\frac{1}{2}$	155·5555
14.....2.....	1·4957	14.... $167\frac{1}{2}$	167·5214
15..... $2\frac{1}{8}$	1·6026	15.... $179\frac{1}{2}$	179·4872
16..... $2\frac{1}{4}$	1·7094	16.... $191\frac{1}{2}$	191·4530
17..... $2\frac{3}{8}$	1·8162	17.... $203\frac{3}{8}$	203·4188
18..... $2\frac{1}{2}$	1·9231	18.... $215\frac{3}{8}$	215·3846
19..... $2\frac{5}{8}$	2·0299	19.... $227\frac{3}{8}$	227·3504
20..... $2\frac{3}{4}$	2·1367	20.... $239\frac{3}{8}$	239·3162
21..... $2\frac{7}{8}$	2·2436	30.... 359	358·9744
22.....3.....	2·3504	40.... $478\frac{5}{8}$	478·6325
23..... $3\frac{1}{8}$	2·4573	50.... $598\frac{1}{4}$	598·2906
24..... $3\frac{1}{4}$	2·5641	60.... 718	717·9487
25..... $3\frac{3}{8}$	2·6709	70.... $837\frac{5}{8}$	837·6068
26..... $3\frac{1}{2}$	2·7778	80.... $957\frac{1}{4}$	957·2650
27..... $3\frac{5}{8}$	2·8846	90.... $1076\frac{7}{8}$	1076·9231
Qrs.		100.... $1196\frac{5}{8}$	1196·5812
1.....3.....	2·9914	200.... $2393\frac{1}{8}$	2393·1624
2.....6.....	5·9829	300.... $3589\frac{3}{4}$	3589·7436
3.....9.....	8·9744		

Sp. Gr. .938.

11·9403 Gallons to 1 Cwt.

238·8060 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.	
1.....	$\frac{1}{8}$	1....	$11\frac{7}{8}$	11·9403
2.....	$\frac{1}{4}$	2....	$23\frac{7}{8}$	23·8806
3.....	$\frac{3}{8}$	3....	$35\frac{7}{8}$	35·8209
4.....	$\frac{1}{2}$	4....	$47\frac{3}{4}$	47·7612
5.....	$\frac{5}{8}$	5....	$59\frac{3}{4}$	59·7015
6.....	$\frac{3}{4}$	6....	$71\frac{5}{8}$	71·6418
7.....	$\frac{7}{8}$	7....	$83\frac{5}{8}$	83·5821
8.....	1.....	8....	$95\frac{1}{2}$	95·5221
9.....	$1\frac{1}{8}$	9....	$107\frac{1}{2}$	107·4627
10.....	$1\frac{1}{4}$	10....	$119\frac{3}{8}$	119·4030
11.....	$1\frac{1}{2}$	11....	$131\frac{3}{8}$	131·3433
12.....	$1\frac{3}{4}$	12....	$143\frac{1}{4}$	143·2836
13.....	$1\frac{7}{8}$	13....	$155\frac{1}{4}$	155·2239
14.....	2.....	14....	$167\frac{1}{8}$	167·1642
15.....	$2\frac{1}{8}$	15....	$179\frac{1}{8}$	179·1045
16.....	$2\frac{1}{4}$	16....	191.....	191·0448
17.....	$2\frac{1}{2}$	17....	203.....	202·9851
18.....	$2\frac{3}{4}$	18....	$214\frac{7}{8}$	214·9254
19.....	3.....	19....	$226\frac{7}{8}$	226·8657
20.....	$3\frac{1}{8}$	20....	$238\frac{3}{4}$	238·8060
21.....	$3\frac{1}{4}$	30....	$358\frac{1}{4}$	358·2089
22.....	$3\frac{1}{2}$	40....	$477\frac{5}{8}$	477·6119
23.....	$3\frac{3}{4}$	50....	597.....	597·0149
24.....	4.....	60....	$716\frac{3}{8}$	716·4179
25.....	$4\frac{1}{8}$	70....	$835\frac{7}{8}$	835·8209
26.....	$4\frac{1}{4}$	80....	$955\frac{1}{4}$	955·2239
27.....	$4\frac{1}{2}$	90....	$1074\frac{5}{8}$	1074·6269
Qrs.				
1.....	3.....	100....	1194.....	1194·0298
2.....	6.....	200....	2388.....	2388·0597
3.....	9.....	300....	$3582\frac{1}{8}$	3582·0895

Sp. Gr. .940.

11·9149 Gallons to 1 Cwt.

238·2979 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$11\frac{7}{8}$ 11·9149
2.....	$\frac{1}{4}$	2....	$23\frac{7}{8}$ 23·8298
3.....	$\frac{3}{8}$	3....	$35\frac{3}{4}$ 35·7447
4.....	$\frac{1}{2}$	4....	$47\frac{5}{8}$ 47·6596
5.....	$\frac{5}{8}$	5....	$59\frac{5}{8}$ 59·5745
6.....	$\frac{3}{4}$	6....	$71\frac{1}{2}$ 71·4894
7.....	$\frac{7}{8}$	7....	$83\frac{3}{8}$ 83·4012
8.....	1.....	8....	$95\frac{3}{8}$ 95·3191
9.....	$1\frac{1}{8}$	9....	$107\frac{1}{4}$ 107·2340
10.....	$1\frac{1}{4}$	10....	$119\frac{1}{8}$ 119·1489
11.....	$1\frac{1}{2}$	11....	$131\frac{1}{8}$ 131·0638
12.....	$1\frac{3}{4}$	12....	143 142·9787
13.....	$1\frac{7}{8}$	13....	$154\frac{7}{8}$ 154·8936
14.....	2	14....	$166\frac{3}{4}$ 166·8085
15.....	$2\frac{1}{8}$	15....	$178\frac{3}{4}$ 178·7234
16.....	$2\frac{1}{4}$	16....	$190\frac{5}{8}$ 190·6383
17.....	$2\frac{3}{8}$	17....	$202\frac{1}{2}$ 202·5532
18.....	$2\frac{1}{2}$	18....	$214\frac{1}{2}$ 214·4681
19.....	$2\frac{5}{8}$	19....	$226\frac{3}{8}$ 226·3830
20.....	$2\frac{3}{4}$	20....	$238\frac{1}{4}$ 238·2979
21.....	$2\frac{7}{8}$	30....	$357\frac{1}{2}$ 357·4468
22.....	3	40....	$476\frac{5}{8}$ 476·5957
23.....	$3\frac{1}{8}$	50....	$595\frac{3}{4}$ 595·7447
24.....	$3\frac{1}{4}$	60....	$714\frac{7}{8}$ 714·8936
25.....	$3\frac{3}{8}$	70....	834 834·0125
26.....	$3\frac{1}{2}$	80....	$953\frac{1}{4}$ 953·1915
27.....	$3\frac{5}{8}$	90....	$1072\frac{3}{8}$ 1072·3404
Qrs.			
1.....	3	100....	$1191\frac{1}{2}$ 1191·4894
2.....	6	200....	2383 2382·9787
3.....	$8\frac{7}{8}$	300....	$3574\frac{1}{2}$ 3574·4681

Sp. Gr. .942.

11·8896 Gallons to 1 Cwt.

237·7919 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$11\frac{7}{8}$
2.....	$\frac{1}{4}$	2....	$23\frac{3}{4}$
3.....	$\frac{3}{8}$	3....	$35\frac{5}{8}$
4.....	$\frac{1}{2}$	4....	$47\frac{1}{2}$
5.....	$\frac{5}{8}$	5....	$59\frac{1}{2}$
6.....	$\frac{3}{4}$	6....	$71\frac{3}{8}$
7.....	$\frac{7}{8}$	7....	$83\frac{1}{4}$
8.....	1.....	8....	$95\frac{1}{8}$
9.....	1.....	9....	107.....
10.....	1.....	10....	$118\frac{7}{8}$
11.....	$1\frac{1}{8}$	11....	$130\frac{3}{4}$
12.....	$1\frac{1}{4}$	12....	$142\frac{5}{8}$
13.....	$1\frac{3}{8}$	13....	$154\frac{5}{8}$
14.....	$1\frac{1}{2}$	14....	$166\frac{1}{2}$
15.....	$1\frac{5}{8}$	15....	$178\frac{3}{8}$
16.....	$1\frac{3}{4}$	16....	$190\frac{1}{4}$
17.....	$1\frac{7}{8}$	17....	$202\frac{1}{8}$
18.....	2.....	18....	214.....
19.....	2.....	19....	$225\frac{7}{8}$
20.....	$2\frac{1}{8}$	20....	$237\frac{3}{4}$
21.....	$2\frac{1}{4}$	30....	$356\frac{3}{4}$
22.....	$2\frac{3}{8}$	40....	$475\frac{5}{8}$
23.....	$2\frac{1}{2}$	50....	$594\frac{1}{2}$
24.....	$2\frac{5}{8}$	60....	$713\frac{3}{8}$
25.....	$2\frac{3}{4}$	70....	$832\frac{1}{4}$
26.....	$2\frac{7}{8}$	80....	$951\frac{1}{8}$
27.....	3.....	90....	$1070\frac{1}{8}$
Qrs.		100....	1189.....
1.....	3.....		1188·9597
2.....	6.....	200....	$2377\frac{7}{8}$
3.....	$8\frac{7}{8}$	300....	$3566\frac{7}{8}$
			3566·8790

Sp. Gr. '944.

11·8644 Gallons to 1 Cwt.

237·2881 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$11\frac{7}{8}$ 11·8644
2.....	$\frac{1}{4}$	2....	$23\frac{3}{4}$ 23·7288
3.....	$\frac{3}{8}$	3....	$35\frac{5}{8}$ 35·5932
4.....	$\frac{1}{2}$	4....	$47\frac{1}{2}$ 47·4576
5.....	$\frac{5}{8}$	5....	$59\frac{3}{8}$ 59·3220
6.....	$\frac{3}{4}$	6....	$71\frac{1}{4}$ 71·1864
7.....	$\frac{7}{8}$	7....	83 83·0508
8.....	1.....	8....	$94\frac{7}{8}$ 94·9152
9.....	1.....	9....	$106\frac{3}{4}$ 106·7797
10.....	1.....	10....	$118\frac{5}{8}$ 118·6141
11.....	$1\frac{1}{8}$	11....	$130\frac{1}{2}$ 130·5085
12.....	$1\frac{1}{4}$	12....	$142\frac{3}{8}$ 142·3729
13.....	$1\frac{3}{8}$	13....	$154\frac{1}{4}$ 154·2373
14.....	$1\frac{1}{2}$	14....	$166\frac{1}{8}$ 166·1017
15.....	$1\frac{5}{8}$	15....	178 177·9661
16.....	$1\frac{3}{4}$	16....	$189\frac{7}{8}$ 189·8305
17.....	$1\frac{7}{8}$	17....	$201\frac{3}{4}$ 201·6949
18.....	2.....	18....	$213\frac{1}{2}$ 213·5593
19.....	2.....	19....	$225\frac{3}{8}$ 225·4237
20.....	$2\frac{1}{8}$	20....	$237\frac{1}{4}$ 237·2881
21.....	$2\frac{1}{4}$	30....	$355\frac{7}{8}$ 355·9322
22.....	$2\frac{3}{8}$	40....	$474\frac{5}{8}$ 474·5763
23.....	$2\frac{3}{4}$	50....	$593\frac{1}{4}$ 593·2203
24.....	$2\frac{1}{2}$	60....	$711\frac{7}{8}$ 711·8644
25.....	$2\frac{5}{8}$	70....	$830\frac{1}{2}$ 830·5085
26.....	$2\frac{3}{4}$	80....	$949\frac{1}{8}$ 949·1525
27.....	$2\frac{7}{8}$	90....	$1067\frac{3}{4}$ 1067·7966
Qrs.			
1.....	3.....	100....	$1186\frac{1}{2}$ 1186·4407
2.....	$5\frac{7}{8}$	200....	$2372\frac{7}{8}$ 2372·8814
3.....	$8\frac{7}{8}$	300....	$3559\frac{3}{8}$ 3559·3220

Sp. Gr. .946.

11·8393 Gallons to 1 Cwt.

236·7865 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$11\frac{7}{8}$ 11·8393
2.....	$\frac{1}{4}$	2....	$23\frac{5}{8}$ 23·6786
3.....	$\frac{3}{8}$	3....	$35\frac{1}{2}$ 35·5180
4.....	$\frac{1}{2}$	4....	$47\frac{3}{8}$ 47·3573
5.....	$\frac{5}{8}$	5....	$59\frac{1}{4}$ 59·1966
6.....	$\frac{3}{4}$	6....	71 71·0359
7.....	$\frac{7}{8}$	7....	$82\frac{7}{8}$ 82·8753
8.....	1.....	8....	$94\frac{3}{4}$ 94·7146
9.....	1.....	9....	$106\frac{1}{2}$ 106·5539
10.....	1.....	10....	$118\frac{3}{8}$ 118·3932
11.....	$1\frac{1}{8}$	11....	$130\frac{1}{4}$ 130·2326
12.....	$1\frac{1}{4}$	12....	$142\frac{1}{8}$ 142·0719
13.....	$1\frac{3}{8}$	13....	$153\frac{7}{8}$ 153·9112
14.....	$1\frac{1}{2}$	14....	$165\frac{3}{4}$ 165·7505
15.....	$1\frac{5}{8}$	15....	$177\frac{5}{8}$ 177·5898
16.....	$1\frac{3}{4}$	16....	$189\frac{3}{8}$ 189·4292
17.....	$1\frac{7}{8}$	17....	$201\frac{1}{4}$ 201·2685
18.....	2.....	18....	$213\frac{1}{8}$ 213·1078
19.....	2.....	19....	225 224·9471
20.....	$2\frac{1}{8}$	20....	$236\frac{3}{4}$ 236·7865
21.....	$2\frac{1}{4}$	30....	$355\frac{1}{8}$ 355·1797
22.....	$2\frac{3}{8}$	40....	$473\frac{5}{8}$ 473·5729
23.....	$2\frac{1}{2}$	50....	592 591·9662
24.....	$2\frac{5}{8}$	60....	$710\frac{3}{8}$ 710·3594
25.....	$2\frac{3}{4}$	70....	$828\frac{3}{4}$ 828·7526
26.....	$2\frac{7}{8}$	80....	$947\frac{1}{4}$ 947·1459
27.....	3.....	90....	$1065\frac{1}{2}$ 1065·5391
Qrs			
1.....	3.....	100....	$1183\frac{7}{8}$ 1183·9323
2.....	$5\frac{7}{8}$	200....	$2367\frac{7}{8}$ 2367·8647
3.....	8.....	300....	$3551\frac{3}{4}$ 3551·7970

Sp. Gr. '948.

11·8143 Gallons to 1 Cwt.

236·2869 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$11\frac{7}{8}$
2.....	$\frac{1}{4}$	2....	$23\frac{5}{8}$
3.....	$\frac{3}{8}$	3....	$35\frac{1}{2}$
4.....	$\frac{3}{8}$	4....	$47\frac{1}{4}$
5.....	$\frac{1}{2}$	5....	$59\frac{1}{8}$
6.....	$\frac{5}{8}$	6....	$70\frac{7}{8}$
7.....	$\frac{3}{4}$	7....	$82\frac{3}{4}$
8.....	$\frac{7}{8}$	8....	$91\frac{1}{2}$
9.....	1.....	9....	$106\frac{3}{8}$
10.....	1.....	10....	$118\frac{1}{8}$
11.....	$1\frac{1}{8}$	11....	130....
12.....	$1\frac{1}{4}$	12....	$141\frac{3}{4}$
13.....	$1\frac{3}{8}$	13....	$153\frac{5}{8}$
14.....	$1\frac{1}{2}$	14....	$165\frac{3}{8}$
15.....	$1\frac{5}{8}$	15....	$177\frac{1}{4}$
16.....	$1\frac{3}{4}$	16....	189....
17.....	$1\frac{7}{8}$	17....	$200\frac{7}{8}$
18.....	$1\frac{7}{8}$	18....	$212\frac{5}{8}$
19.....	2.....	19....	$224\frac{1}{2}$
20.....	$2\frac{1}{8}$	20....	$236\frac{1}{4}$
21.....	$2\frac{1}{4}$	30....	$354\frac{3}{8}$
22.....	$2\frac{3}{8}$	40....	$472\frac{5}{8}$
23.....	$2\frac{3}{8}$	50....	$590\frac{3}{4}$
24.....	$2\frac{1}{2}$	60....	$708\frac{7}{8}$
25.....	$2\frac{5}{8}$	70....	827....
26.....	$2\frac{3}{4}$	80....	$945\frac{1}{8}$
27.....	$2\frac{7}{8}$	90....	$1063\frac{1}{4}$
Qrs.		100....	$1181\frac{3}{8}$
1.....	3.....	200....	$2362\frac{7}{8}$
2.....	$5\frac{7}{8}$	300....	$3544\frac{1}{4}$
3.....	$8\frac{7}{8}$		

1181·4346
2362·8692
3544·3038

Sp. Gr. .950.

11·7895 Gallons to 1 Cwt.

235·7895 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1..... $\frac{1}{8}$	·1053	1.... $11\frac{1}{8}$	11·7895
2..... $\frac{1}{4}$	·2105	2.... $23\frac{5}{8}$	23·5789
3..... $\frac{3}{8}$	·3158	3.... $35\frac{3}{8}$	35·3684
4..... $\frac{1}{2}$	·4210	4.... $47\frac{1}{8}$	47·1579
5..... $\frac{5}{8}$	·5263	5....59.....	58·9474
6..... $\frac{3}{4}$	·6316	6.... $70\frac{3}{8}$	70·7368
7..... $\frac{7}{8}$	·7368	7.... $82\frac{1}{4}$	82·5263
8.....1.....	·8421	8.... $94\frac{3}{8}$	94·3158
9.....1.....	·9474	9.... $106\frac{1}{8}$	106·1053
10.....1.....	1·0526	10.... $117\frac{7}{8}$	117·8947
11..... $1\frac{1}{8}$	1·1579	11.... $129\frac{5}{8}$	129·6842
12..... $1\frac{1}{4}$	1·2632	12.... $141\frac{1}{2}$	141·1737
13..... $1\frac{3}{8}$	1·3684	13.... $153\frac{1}{4}$	153·2632
14..... $1\frac{1}{2}$	1·4737	14....165.....	165·0526
15..... $1\frac{5}{8}$	1·5789	15.... $176\frac{7}{8}$	176·8421
16..... $1\frac{3}{4}$	1·6842	16.... $188\frac{5}{8}$	188·6316
17..... $1\frac{7}{8}$	1·7895	17.... $200\frac{3}{8}$	200·4210
18..... $1\frac{7}{8}$	1·8947	18.... $212\frac{1}{4}$	212·2105
19.....2.....	2·0000	19....224.....	224·0000
20..... $2\frac{1}{8}$	2·1053	20.... $235\frac{3}{8}$	235·7895
21..... $2\frac{1}{4}$	2·2105	30.... $353\frac{5}{8}$	353·6842
22..... $2\frac{3}{8}$	2·3158	40.... $471\frac{5}{8}$	471·5789
23..... $2\frac{3}{8}$	2·4210	50.... $589\frac{1}{2}$	589·4737
24..... $2\frac{1}{2}$	2·5263	60.... $707\frac{3}{8}$	707·3684
25..... $2\frac{5}{8}$	2·6316	70.... $825\frac{1}{4}$	825·2632
26..... $2\frac{3}{4}$	2·7368	80.... $943\frac{1}{8}$	943·1579
27..... $2\frac{7}{8}$	2·8421	90....1061.....	1061·0526
Qrs.			
1.....3.....	2·9474	100....1179.....	1178·9474
2..... $5\frac{7}{8}$	5·8947	200.... $2357\frac{7}{8}$	2357·8947
3..... $8\frac{7}{8}$	8·8421	300.... $3536\frac{7}{8}$	3536·8421

Sp. Gr. .952.

11·7647 Gallons to 1 Cwt.

235·2941 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1..... $\frac{1}{8}$	·1050	1.... $11\frac{3}{4}$	11·7647
2..... $\frac{1}{4}$	·2101	2.... $23\frac{1}{2}$	23·5294
3..... $\frac{3}{8}$	·3151	3.... $35\frac{1}{4}$	35·2941
4..... $\frac{1}{2}$	·4202	4....47....	47·0588
5..... $\frac{5}{8}$	·5252	5.... $58\frac{7}{8}$	58·8235
6..... $\frac{3}{4}$	·6302	6.... $70\frac{5}{8}$	70·5882
7..... $\frac{7}{8}$	·7353	7.... $82\frac{3}{8}$	82·3529
8.....1.....	·8403	8.... $94\frac{1}{8}$	94·1176
9..... $1\frac{1}{8}$	·9454	9.... $105\frac{7}{8}$	105·8823
10..... $1\frac{1}{4}$	1·0504	10.... $117\frac{5}{8}$	117·6471
11..... $1\frac{1}{2}$	1·1555	11.... $129\frac{3}{8}$	129·4118
12..... $1\frac{3}{4}$	1·2605	12.... $141\frac{1}{8}$	141·1765
13..... $1\frac{5}{8}$	1·3655	13....153....	152·9412
14..... $1\frac{7}{8}$	1·4706	14.... $161\frac{3}{4}$	161·7059
15.....2.....	1·5756	15.... $176\frac{1}{2}$	176·4706
16..... $2\frac{1}{8}$	1·6807	16.... $188\frac{1}{4}$	188·2353
17..... $2\frac{1}{4}$	1·7857	17....200....	200·0000
18..... $2\frac{3}{8}$	1·8908	18.... $211\frac{3}{4}$	211·7647
19..... $2\frac{1}{2}$	1·9958	19.... $223\frac{1}{2}$	223·5294
20..... $2\frac{5}{8}$	2·1008	20.... $235\frac{1}{4}$	235·2941
21..... $2\frac{3}{4}$	2·2059	21.... $35\frac{3}{4}$	35·2941
22..... $2\frac{7}{8}$	2·3109	22.... $47\frac{5}{8}$	47·0588
23..... $3\frac{1}{8}$	2·4160	23.... $58\frac{3}{4}$	58·8235
24..... $3\frac{1}{4}$	2·5210	24.... $70\frac{7}{8}$	70·5882
25..... $3\frac{3}{8}$	2·6260	25.... $82\frac{5}{8}$	82·3529
26..... $3\frac{1}{2}$	2·7311	26.... $94\frac{3}{8}$	94·1176
27..... $3\frac{5}{8}$	2·8361	27.... $105\frac{7}{8}$	105·8823
Qrs.		28.... $117\frac{5}{8}$	117·6471
1.....3.....	2·9412	29.... $129\frac{3}{8}$	129·4118
2..... $5\frac{7}{8}$	5·8823	30.... $141\frac{1}{8}$	141·1765
3..... $8\frac{7}{8}$	8·8235	31....153....	152·9412
		32.... $161\frac{3}{4}$	161·7059
		33.... $176\frac{1}{2}$	176·4706
		34.... $188\frac{1}{4}$	188·2353
		35....200....	200·0000
		36.... $211\frac{3}{4}$	211·7647
		37.... $223\frac{1}{2}$	223·5294
		38.... $235\frac{1}{4}$	235·2941
		39.... $35\frac{3}{4}$	35·2941
		40.... $47\frac{5}{8}$	47·0588
		41.... $58\frac{3}{4}$	58·8235
		42.... $70\frac{7}{8}$	70·5882
		43.... $82\frac{5}{8}$	82·3529
		44.... $94\frac{3}{8}$	94·1176
		45.... $105\frac{7}{8}$	105·8823
		46.... $117\frac{5}{8}$	117·6471
		47.... $129\frac{3}{8}$	129·4118
		48.... $141\frac{1}{8}$	141·1765
		49....153....	152·9412
		50.... $161\frac{3}{4}$	161·7059
		51.... $176\frac{1}{2}$	176·4706
		52.... $188\frac{1}{4}$	188·2353
		53....200....	200·0000
		54.... $211\frac{3}{4}$	211·7647
		55.... $223\frac{1}{2}$	223·5294
		56.... $235\frac{1}{4}$	235·2941
		57.... $35\frac{3}{4}$	35·2941
		58.... $47\frac{5}{8}$	47·0588
		59.... $58\frac{3}{4}$	58·8235
		60.... $70\frac{7}{8}$	70·5882
		61.... $82\frac{5}{8}$	82·3529
		62.... $94\frac{3}{8}$	94·1176
		63.... $105\frac{7}{8}$	105·8823
		64.... $117\frac{5}{8}$	117·6471
		65.... $129\frac{3}{8}$	129·4118
		66.... $141\frac{1}{8}$	141·1765
		67....153....	152·9412
		68.... $161\frac{3}{4}$	161·7059
		69.... $176\frac{1}{2}$	176·4706
		70.... $188\frac{1}{4}$	188·2353
		71....200....	200·0000
		72.... $211\frac{3}{4}$	211·7647
		73.... $223\frac{1}{2}$	223·5294
		74.... $235\frac{1}{4}$	235·2941
		75.... $35\frac{3}{4}$	35·2941
		76.... $47\frac{5}{8}$	47·0588
		77.... $58\frac{3}{4}$	58·8235
		78.... $70\frac{7}{8}$	70·5882
		79.... $82\frac{5}{8}$	82·3529
		80.... $94\frac{3}{8}$	94·1176
		81.... $105\frac{7}{8}$	105·8823
		82.... $117\frac{5}{8}$	117·6471
		83.... $129\frac{3}{8}$	129·4118
		84.... $141\frac{1}{8}$	141·1765
		85....153....	152·9412
		86.... $161\frac{3}{4}$	161·7059
		87.... $176\frac{1}{2}$	176·4706
		88.... $188\frac{1}{4}$	188·2353
		89....200....	200·0000
		90.... $211\frac{3}{4}$	211·7647
		91.... $223\frac{1}{2}$	223·5294
		92.... $235\frac{1}{4}$	235·2941
		93.... $35\frac{3}{4}$	35·2941
		94.... $47\frac{5}{8}$	47·0588
		95.... $58\frac{3}{4}$	58·8235
		96.... $70\frac{7}{8}$	70·5882
		97.... $82\frac{5}{8}$	82·3529
		98.... $94\frac{3}{8}$	94·1176
		99.... $105\frac{7}{8}$	105·8823
		100.... $117\frac{5}{8}$	117·6471

Sp. Gr. .954.

11·7400 Gallons to 1 Cwt.

234·8008 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$11\frac{3}{4}$
2.....	$\frac{1}{4}$	2....	$23\frac{1}{2}$
3.....	$\frac{3}{8}$	3....	$35\frac{1}{4}$
4.....	$\frac{1}{2}$	4....	47.....
5.....	$\frac{5}{8}$	5....	$58\frac{3}{4}$
6.....	$\frac{3}{4}$	6....	$70\frac{1}{2}$
7.....	$\frac{7}{8}$	7....	$82\frac{1}{4}$
8.....	1.....	8....	$93\frac{3}{4}$
9.....	$1\frac{1}{8}$	9....	$105\frac{1}{2}$
10.....	$1\frac{1}{4}$	10....	$117\frac{3}{4}$
11.....	$1\frac{1}{2}$	11....	$129\frac{1}{2}$
12.....	$1\frac{3}{4}$	12....	$140\frac{7}{8}$
13.....	$1\frac{7}{8}$	13....	$152\frac{5}{8}$
14.....	$1\frac{5}{4}$	14....	$164\frac{3}{4}$
15.....	$1\frac{5}{8}$	15....	$176\frac{1}{2}$
16.....	$1\frac{3}{2}$	16....	$187\frac{7}{8}$
17.....	$1\frac{7}{4}$	17....	$199\frac{5}{8}$
18.....	$1\frac{3}{2}$	18....	$211\frac{3}{4}$
19.....	2.....	19....	223.....
20.....	$2\frac{1}{8}$	20....	$234\frac{3}{4}$
21.....	$2\frac{1}{4}$	30....	$352\frac{1}{4}$
22.....	$2\frac{1}{2}$	40....	$469\frac{5}{8}$
23.....	$2\frac{3}{4}$	50....	587.....
24.....	$2\frac{1}{2}$	60....	$704\frac{3}{4}$
25.....	$2\frac{5}{8}$	70....	$821\frac{3}{4}$
26.....	$2\frac{3}{4}$	80....	$939\frac{1}{4}$
27.....	$2\frac{7}{8}$	90....	$1056\frac{3}{4}$
Qrs.		100....	1174.....
1.....	$2\frac{7}{8}$		$1174\cdot0042$
2.....	$5\frac{7}{8}$	200....	2348.....
3.....	$8\frac{3}{4}$	300....	$3522\cdot0126$

Sp. Gr. .956.

11·7155 Gallons to 1 Cwt.

231·3096 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$11\frac{3}{4}$
2.....	$\frac{1}{4}$	2....	$23\frac{3}{8}$
3.....	$\frac{3}{8}$	3....	$35\frac{1}{8}$
4.....	$\frac{3}{8}$	4....	$46\frac{7}{8}$
5.....	$\frac{1}{2}$	5....	$58\frac{5}{8}$
6.....	$\frac{5}{8}$	6....	$70\frac{1}{4}$
7.....	$\frac{3}{4}$	7....	82.....
8.....	$\frac{7}{8}$	8....	$93\frac{3}{4}$
9.....	1.....	9....	$105\frac{1}{2}$
10.....	1.....	10....	$117\frac{1}{8}$
11.....	$1\frac{1}{8}$	11....	$128\frac{7}{8}$
12.....	$1\frac{1}{4}$	12....	$140\frac{5}{8}$
13.....	$1\frac{3}{8}$	13....	$152\frac{1}{4}$
14.....	$1\frac{1}{2}$	14....	161.....
15.....	$1\frac{5}{8}$	15....	$175\frac{3}{4}$
16.....	$1\frac{3}{4}$	16....	$187\frac{1}{2}$
17.....	$1\frac{7}{8}$	17....	$199\frac{1}{8}$
18.....	$1\frac{7}{8}$	18....	$210\frac{7}{8}$
19.....	2.....	19....	$222\frac{5}{8}$
20.....	$2\frac{1}{8}$	20....	$231\frac{1}{4}$
21.....	$2\frac{1}{4}$	30....	$351\frac{1}{2}$
22.....	$2\frac{1}{4}$	40....	$468\frac{5}{8}$
23.....	$2\frac{3}{8}$	50....	$585\frac{3}{4}$
24.....	$2\frac{1}{2}$	60....	$702\frac{7}{8}$
25.....	$2\frac{5}{8}$	70....	$820\frac{1}{8}$
26.....	$2\frac{3}{4}$	80....	$937\frac{1}{4}$
27.....	$2\frac{7}{8}$	90....	$1054\frac{3}{8}$
Qrs.			
1.....	$2\frac{7}{8}$	100....	$1171\frac{1}{2}$
2.....	$5\frac{5}{8}$	200....	$2343\frac{1}{8}$
3.....	$8\frac{3}{4}$	300....	$3514\frac{5}{8}$

Sp. Gr. .958.

11·6910 Gallons to 1 Cwt.

233·8205 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$11\frac{3}{4}$ 11·6910
2.....	$\frac{1}{4}$	2....	$23\frac{3}{8}$ 23·3820
3.....	$\frac{3}{8}$	3....	$35\frac{1}{8}$ 35·0731
4.....	$\frac{1}{2}$	4....	$46\frac{1}{4}$ 46·7641
5.....	$\frac{5}{8}$	5....	$58\frac{1}{2}$ 58·4551
6.....	$\frac{3}{4}$	6....	$70\frac{1}{8}$ 70·1461
7.....	$\frac{7}{8}$	7....	$81\frac{7}{8}$ 81·8372
8.....	1.....	8....	$93\frac{1}{2}$ 93·5282
9.....	$1\frac{1}{8}$	9....	$105\frac{1}{4}$ 105·2192
10.....	$1\frac{1}{4}$	10....	$116\frac{7}{8}$ 116·9102
11.....	$1\frac{1}{2}$	11....	$128\frac{5}{8}$ 128·6012
12.....	$1\frac{3}{4}$	12....	$140\frac{1}{4}$ 140·2923
13.....	$1\frac{7}{8}$	13....	152 151·9833
14.....	$1\frac{5}{4}$	14....	$163\frac{5}{8}$ 163·6743
15.....	$1\frac{5}{8}$	15....	$175\frac{3}{8}$ 175·3653
16.....	$1\frac{5}{4}$	16....	187 187·0564
17.....	$1\frac{3}{2}$	17....	$198\frac{3}{4}$ 198·7474
18.....	$1\frac{7}{8}$	18....	$210\frac{1}{2}$ 210·4384
19.....	2.....	19....	$222\frac{1}{4}$ 222·1294
20.....	$2\frac{1}{8}$	20....	$233\frac{7}{8}$ 233·8205
21.....	$2\frac{1}{4}$	30....	$350\frac{3}{4}$ 350·7307
22.....	$2\frac{1}{2}$	40....	$467\frac{5}{8}$ 467·6409
23.....	$2\frac{3}{8}$	50....	$584\frac{1}{2}$ 584·5511
24.....	$2\frac{1}{2}$	60....	$701\frac{1}{2}$ 701·4614
25.....	$2\frac{5}{8}$	70....	$818\frac{3}{8}$ 818·3716
26.....	$2\frac{3}{4}$	80....	$935\frac{1}{4}$ 935·2818
27.....	$2\frac{7}{8}$	90....	$1052\frac{1}{4}$ 1052·1921
Qrs.			
1.....	$2\frac{7}{8}$	100....	$1169\frac{1}{8}$ 1169·1023
2.....	$5\frac{7}{8}$	200....	$2338\frac{1}{4}$ 2338·2046
3.....	$8\frac{3}{4}$	300....	$3507\frac{1}{4}$ 3507·3069

Sp. Gr. .960.

11·6667 Gallons to 1 Cwt.

233·3333 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$11\frac{5}{8}$
2.....	$\frac{1}{4}$	2....	$23\frac{3}{8}$
3.....	$\frac{3}{8}$	3....	35
4.....	$\frac{1}{2}$	4....	$46\frac{5}{8}$
5.....	$\frac{5}{8}$	5....	$58\frac{3}{8}$
6.....	$\frac{3}{4}$	6....	70
7.....	$\frac{7}{8}$	7....	$81\frac{5}{8}$
8.....	1.....	8....	$93\frac{3}{8}$
9.....	$1\frac{1}{8}$	9....	105
10.....	$1\frac{1}{4}$	10....	$116\frac{5}{8}$
11.....	$1\frac{1}{2}$	11....	$128\frac{3}{8}$
12.....	$1\frac{3}{4}$	12....	140
13.....	$1\frac{7}{8}$	13....	$151\frac{5}{8}$
14.....	2.....	14....	$163\frac{3}{8}$
15.....	$2\frac{1}{8}$	15....	175
16.....	$2\frac{1}{4}$	16....	$186\frac{5}{8}$
17.....	$2\frac{1}{2}$	17....	$198\frac{3}{8}$
18.....	$2\frac{3}{4}$	18....	210
19.....	$2\frac{7}{8}$	19....	$221\frac{5}{8}$
20.....	3.....	20....	$233\frac{3}{8}$
21.....	$3\frac{1}{8}$	30....	350
22.....	$3\frac{1}{4}$	40....	$466\frac{5}{8}$
23.....	$3\frac{1}{2}$	50....	$583\frac{3}{8}$
24.....	$3\frac{3}{4}$	60....	700
25.....	$3\frac{7}{8}$	70....	$816\frac{5}{8}$
26.....	4.....	80....	$933\frac{3}{8}$
27.....	$4\frac{1}{8}$	90....	1050
Qrs.		100....	$1166\frac{5}{8}$
1.....	$27\frac{7}{8}$	200....	$2333\frac{3}{8}$
2.....	$55\frac{7}{8}$	300....	3500
3.....	$83\frac{7}{8}$		

Sp. Gr. '962.

11·6424 Gallons to 1 Cwt.

232·8482 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$11\frac{5}{8}$
2.....	$\frac{1}{4}$	2....	$23\frac{1}{4}$
3.....	$\frac{3}{8}$	3....	$34\frac{7}{8}$
4.....	$\frac{1}{2}$	4....	$46\frac{5}{8}$
5.....	$\frac{5}{8}$	5....	$58\frac{1}{4}$
6.....	$\frac{3}{4}$	6....	$69\frac{7}{8}$
7.....	$\frac{7}{8}$	7....	$81\frac{1}{2}$
8.....	1.....	8....	$93\frac{1}{8}$
9.....	$1\frac{1}{8}$	9....	$104\frac{3}{4}$
10....	$1\frac{1}{4}$	10....	$116\frac{3}{8}$
11....	$1\frac{1}{2}$	11....	$128\frac{1}{8}$
12....	$1\frac{3}{4}$	12....	$139\frac{3}{4}$
13....	$1\frac{7}{8}$	13....	$151\frac{3}{8}$
14....	2	14....	163
15....	$2\frac{1}{8}$	15....	$174\frac{5}{8}$
16....	$2\frac{1}{4}$	16....	$186\frac{1}{4}$
17....	$2\frac{1}{2}$	17....	$197\frac{7}{8}$
18....	$2\frac{3}{4}$	18....	$209\frac{5}{8}$
19....	$2\frac{7}{8}$	19....	$221\frac{1}{4}$
20....	3	20....	$232\frac{7}{8}$
21....	$3\frac{1}{8}$	30....	$349\frac{1}{4}$
22....	$3\frac{1}{4}$	40....	$465\frac{3}{4}$
23....	$3\frac{1}{2}$	50....	$582\frac{1}{8}$
24....	$3\frac{3}{4}$	60....	$698\frac{1}{2}$
25....	4	70....	815
26....	$4\frac{1}{8}$	80....	$931\frac{3}{8}$
27....	$4\frac{1}{4}$	90....	$1047\frac{7}{8}$
Qrs.			
1.....	$2\frac{7}{8}$	100....	$1164\frac{1}{4}$
2.....	$5\frac{7}{8}$	200....	$2328\frac{1}{2}$
3.....	$8\frac{3}{4}$	300....	$3492\frac{3}{4}$

Sp. Gr. .964.

11·6183 Gallons to 1 Cwt.

232·3651 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$11\frac{5}{8}$
2.....	$\frac{1}{4}$	2 ...	$23\frac{1}{4}$
3.....	$\frac{1}{4}$	3....	$34\frac{7}{8}$
4.....	$\frac{3}{8}$	4....	$46\frac{1}{2}$
5.....	$\frac{1}{2}$	5....	$58\frac{1}{8}$
6.....	$\frac{5}{8}$	6....	$69\frac{3}{4}$
7.....	$\frac{3}{4}$	7 ...	$81\frac{3}{4}$
8.....	$\frac{7}{8}$	8....	93
9.....	$\frac{7}{8}$	9....	$104\frac{5}{8}$
10.....	1	10 ...	$116\frac{1}{8}$
11.....	$1\frac{1}{8}$	11....	$127\frac{3}{4}$
12.....	$1\frac{1}{4}$	12....	$139\frac{3}{8}$
13.....	$1\frac{3}{8}$	13....	151
14.....	$1\frac{1}{2}$	14....	$162\frac{5}{8}$
15.....	$1\frac{1}{2}$	15....	$174\frac{1}{4}$
16.....	$1\frac{5}{8}$	16....	$185\frac{7}{8}$
17.....	$1\frac{3}{4}$	17. .	$197\frac{1}{2}$
18.....	$1\frac{7}{8}$	18....	$209\frac{1}{8}$
19.....	2	19....	$220\frac{3}{4}$
20.....	$2\frac{1}{8}$	20....	$232\frac{3}{8}$
21.....	$2\frac{1}{8}$	30....	$348\frac{1}{2}$
22.....	$2\frac{1}{4}$	40....	$464\frac{3}{4}$
23.....	$2\frac{3}{8}$	50....	$580\frac{7}{8}$
24.....	$2\frac{1}{2}$	60....	$697\frac{1}{8}$
25.....	$2\frac{5}{8}$	70....	$813\frac{1}{4}$
26.....	$2\frac{3}{4}$	80....	$929\frac{1}{2}$
27.....	$2\frac{7}{8}$	90....	$1045\frac{5}{8}$
Qrs.			
1.....	$2\frac{7}{8}$	100....	$1161\frac{7}{8}$
2.....	$5\frac{3}{4}$	200....	$2323\frac{5}{8}$
3.....	$8\frac{3}{4}$	300....	$3485\frac{1}{2}$

Sp. Gr. .966.

11·5942 Gallons to 1 Cwt.

231·8841 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$11\frac{5}{8}$
2.....	$\frac{1}{4}$	2....	$23\frac{1}{4}$
3.....	$\frac{1}{4}$	3....	$34\frac{3}{4}$
4.....	$\frac{3}{8}$	4....	$46\frac{3}{8}$
5.....	$\frac{1}{2}$	5....	58.....
6.....	$\frac{5}{8}$	6....	$69\frac{5}{8}$
7.....	$\frac{3}{4}$	7....	$81\frac{1}{8}$
8.....	$\frac{7}{8}$	8....	$92\frac{3}{4}$
9.....	$\frac{7}{8}$	9....	$104\frac{3}{8}$
10.....	1.....	10....	116.....
11.....	$1\frac{1}{8}$	11....	$127\frac{1}{2}$
12.....	$1\frac{1}{4}$	12....	$139\frac{1}{8}$
13.....	$1\frac{3}{8}$	13....	$150\frac{3}{4}$
14.....	$1\frac{1}{2}$	14....	$162\frac{3}{8}$
15.....	$1\frac{1}{2}$	15....	$173\frac{7}{8}$
16.....	$1\frac{5}{8}$	16....	$185\frac{1}{2}$
17.....	$1\frac{3}{4}$	17....	$197\frac{1}{8}$
18.....	$1\frac{7}{8}$	18....	$208\frac{3}{4}$
19.....	2.....	19....	$220\frac{1}{4}$
20.....	$2\frac{1}{8}$	20....	$231\frac{7}{8}$
21.....	$2\frac{1}{8}$	30....	$347\frac{7}{8}$
22.....	$2\frac{1}{4}$	40....	$463\frac{3}{4}$
23.....	$2\frac{3}{8}$	50....	$579\frac{3}{4}$
24.....	$2\frac{1}{2}$	60....	$695\frac{5}{8}$
25.....	$2\frac{5}{8}$	70....	$811\frac{5}{8}$
26.....	$2\frac{3}{4}$	80....	$927\frac{1}{2}$
27.....	$2\frac{3}{4}$	90....	$1043\frac{1}{2}$
Qrs.			
1.....	$2\frac{7}{8}$	100....	$1159\frac{3}{8}$
2.....	$5\frac{3}{4}$	200....	$2318\frac{7}{8}$
3.....	$8\frac{3}{4}$	300....	$3478\frac{1}{4}$

Sp. Gr. .968.

11·5702 Gallons to 1 Cwt.

231·4050 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1..... $\frac{1}{8}$	1033	1.... $11\frac{5}{8}$	11·5702
2..... $\frac{1}{4}$	2066	2.... $23\frac{1}{8}$	23·1405
3..... $\frac{1}{4}$	3099	3.... $34\frac{3}{4}$	34·7107
4..... $\frac{3}{8}$	4132	4.... $46\frac{1}{4}$	46·2810
5..... $\frac{1}{2}$	5165	5.... $57\frac{7}{8}$	57·8512
6..... $\frac{5}{8}$	6198	6.... $69\frac{3}{8}$	69·4215
7..... $\frac{3}{4}$	7231	7....81....	80·9917
8..... $\frac{7}{8}$	8264	8.... $92\frac{1}{2}$	92·5620
9..... $\frac{7}{8}$	9297	9.... $104\frac{1}{8}$	104·1322
10.....1.....	10331	10.... $115\frac{3}{4}$	115·7025
11..... $1\frac{1}{8}$	11364	11.... $127\frac{1}{4}$	127·2727
12..... $1\frac{1}{4}$	12397	12.... $138\frac{7}{8}$	138·8430
13..... $1\frac{3}{8}$	13430	13.... $150\frac{3}{8}$	150·4132
14..... $1\frac{1}{2}$	14463	14....162....	161·9835
15..... $1\frac{1}{2}$	15496	15.... $173\frac{1}{2}$	173·5537
16..... $1\frac{5}{8}$	16529	16.... $185\frac{1}{8}$	185·1240
17..... $1\frac{3}{4}$	17562	17.... $196\frac{3}{4}$	196·6942
18..... $1\frac{7}{8}$	18595	18.... $208\frac{1}{4}$	208·2645
19.....2.....	19628	19.... $219\frac{7}{8}$	219·8347
20..... $2\frac{1}{8}$	20661	20.... $231\frac{3}{8}$	231·4050
21..... $2\frac{1}{8}$	21694	30.... $347\frac{1}{8}$	347·1074
22..... $2\frac{1}{4}$	22727	40.... $462\frac{3}{4}$	462·8099
23..... $2\frac{3}{8}$	23760	50.... $578\frac{1}{2}$	578·5124
24..... $2\frac{1}{2}$	24793	60.... $694\frac{1}{4}$	694·2149
25..... $2\frac{5}{8}$	25826	70.... $809\frac{7}{8}$	809·9173
26..... $2\frac{5}{8}$	26859	80.... $925\frac{5}{8}$	925·6198
27..... $2\frac{3}{4}$	27893	90.... $1041\frac{3}{8}$	1041·3223
Qrs.			
1..... $2\frac{7}{8}$	2·8926	100....1157....	1157·0248
2..... $5\frac{3}{4}$	5·7851	200....2314....	2314·0496
3..... $8\frac{5}{8}$	8·6777	300....3471 $\frac{1}{8}$	3471·0744

Sp. Gr. .970.

11·5464 Gallons to 1 Cwt.

230·9278 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$11\frac{1}{2}$
2.....	$\frac{1}{4}$	2....	$23\frac{1}{8}$
3.....	$\frac{1}{2}$	3....	$34\frac{5}{8}$
4.....	$\frac{3}{4}$	4....	$46\frac{1}{4}$
5.....	1.....	5....	$57\frac{3}{4}$
6.....	$1\frac{1}{8}$	6....	$69\frac{1}{4}$
7.....	$1\frac{1}{4}$	7....	$80\frac{7}{8}$
8.....	$1\frac{1}{2}$	8....	$92\frac{3}{8}$
9.....	$1\frac{3}{4}$	9....	$103\frac{7}{8}$
10.....	2.....	10....	$115\frac{1}{2}$
11.....	$2\frac{1}{8}$	11....	127....
12.....	$2\frac{1}{4}$	12....	$138\frac{1}{2}$
13.....	$2\frac{3}{8}$	13....	$150\frac{1}{8}$
14.....	$2\frac{1}{2}$	14....	$161\frac{5}{8}$
15.....	$2\frac{5}{8}$	15....	$173\frac{1}{4}$
16.....	$2\frac{3}{4}$	16....	$184\frac{3}{4}$
17.....	$2\frac{7}{8}$	17....	$196\frac{1}{2}$
18.....	3.....	18....	$207\frac{7}{8}$
19.....	$3\frac{1}{8}$	19....	$219\frac{3}{8}$
20.....	$3\frac{1}{4}$	20....	$230\frac{7}{8}$
21.....	$3\frac{3}{8}$	30....	$346\frac{3}{8}$
22.....	$3\frac{1}{2}$	40....	$461\frac{7}{8}$
23.....	$3\frac{5}{8}$	50....	$577\frac{3}{8}$
24.....	$3\frac{3}{4}$	60....	$692\frac{3}{4}$
25.....	$3\frac{7}{8}$	70....	$808\frac{1}{4}$
26.....	4.....	80....	$923\frac{3}{4}$
27.....	$4\frac{1}{8}$	90....	$1039\frac{1}{8}$
Qrs.			
1.....	$2\frac{7}{8}$	100....	$1154\frac{5}{8}$
2.....	$5\frac{3}{4}$	200....	$2309\frac{1}{4}$
3.....	$8\frac{5}{8}$	300....	$3463\frac{3}{8}$

Sp. Gr. .972.

11.5226 Gallons to 1 Cwt.

230.4527 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	11 $\frac{1}{2}$ 11.5226
2.....	$\frac{1}{4}$	2....	23.... 23.0453
3.....	$\frac{1}{2}$	3....	34 $\frac{5}{8}$ 34.5679
4.....	$\frac{3}{8}$	4....	46 $\frac{1}{8}$ 46.0905
5.....	$\frac{1}{2}$	5....	57 $\frac{5}{8}$ 57.6132
6.....	$\frac{5}{8}$	6....	69 $\frac{1}{8}$ 69.1358
7.....	$\frac{3}{4}$	7....	80 $\frac{5}{8}$ 80.6584
8.....	$\frac{7}{8}$	8....	92 $\frac{1}{8}$ 92.1811
9.....	$\frac{7}{8}$	9....	103 $\frac{3}{8}$ 103.7037
10.....	1.....	10....	115 $\frac{1}{8}$ 115.2263
11.....	1 $\frac{1}{8}$	11....	126 $\frac{3}{8}$ 126.7490
12.....	1 $\frac{1}{4}$	12....	138 $\frac{1}{4}$ 138.2716
13.....	1 $\frac{3}{8}$	13....	149 $\frac{3}{4}$ 149.7942
14.....	1 $\frac{1}{2}$	14....	161 $\frac{3}{8}$ 161.3169
15.....	1 $\frac{1}{2}$	15....	172 $\frac{7}{8}$ 172.8395
16.....	1 $\frac{5}{8}$	16....	184 $\frac{3}{8}$ 184.3621
17.....	1 $\frac{3}{4}$	17....	195 $\frac{7}{8}$ 195.8848
18.....	1 $\frac{7}{8}$	18....	207 $\frac{3}{8}$ 207.4074
19.....	2.....	19....	218 $\frac{7}{8}$ 218.9300
20.....	2.....	20....	230 $\frac{1}{2}$ 230.4527
21.....	2 $\frac{1}{8}$	30....	345 $\frac{5}{8}$ 345.6790
22.....	2 $\frac{1}{4}$	40....	460 $\frac{7}{8}$ 460.9053
23.....	2 $\frac{3}{8}$	50....	576 $\frac{1}{8}$ 576.1317
24.....	2 $\frac{1}{2}$	60....	691 $\frac{3}{8}$ 691.3580
25.....	2 $\frac{5}{8}$	70....	806 $\frac{5}{8}$ 806.5844
26.....	2 $\frac{5}{8}$	80....	921 $\frac{1}{2}$ 921.8107
27.....	2 $\frac{3}{4}$	90....	1037.... 1037.0370
Qrs.			
1.....	2 $\frac{7}{8}$	100....	1152 $\frac{1}{2}$ 1152.2634
2.....	5 $\frac{3}{4}$	200....	2304 $\frac{1}{2}$ 2304.5267
3.....	8 $\frac{5}{8}$	300....	3456 $\frac{3}{4}$ 3456.7901

Sp. Gr. .974.

11·4990 Gallons to 1 Cwt.

229·9795 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$11\frac{1}{2}$
2.....	$\frac{1}{4}$	2....	23.....
3.....	$\frac{1}{4}$	3....	$34\frac{1}{2}$
4.....	$\frac{3}{8}$	4....	46.....
5.....	$\frac{1}{2}$	5....	$57\frac{1}{2}$
6.....	$\frac{5}{8}$	6....	69.....
7.....	$\frac{3}{4}$	7....	$80\frac{1}{2}$
8.....	$\frac{7}{8}$	8....	92.....
9.....	$\frac{7}{8}$	9....	$103\frac{1}{2}$
10.....	1.....	10....	115.....
11.....	$1\frac{1}{8}$	11....	$126\frac{1}{2}$
12.....	$1\frac{1}{4}$	12....	138.....
13.....	$1\frac{3}{8}$	13....	$149\frac{1}{2}$
14.....	$1\frac{3}{8}$	14....	161.....
15.....	$1\frac{1}{2}$	15....	$172\frac{1}{2}$
16.....	$1\frac{5}{8}$	16....	184.....
17.....	$1\frac{3}{4}$	17....	$195\frac{1}{2}$
18.....	$1\frac{7}{8}$	18....	207.....
19.....	2.....	19....	$218\frac{1}{2}$
20.....	2.....	20....	230.....
21.....	$2\frac{1}{8}$	30....	345.....
22.....	$2\frac{1}{4}$	40....	460.....
23.....	$2\frac{3}{8}$	50....	575.....
24.....	$2\frac{1}{2}$	60....	690.....
25.....	$2\frac{5}{8}$	70....	$804\frac{7}{8}$
26.....	$2\frac{5}{8}$	80....	$919\frac{7}{8}$
27.....	$2\frac{3}{4}$	90....	$1034\frac{7}{8}$
Qrs.		100....	$1149\frac{7}{8}$
1.....	$2\frac{7}{8}$	200....	$2299\frac{3}{4}$
2.....	$5\frac{3}{4}$	300....	$3449\frac{3}{4}$
3.....	$8\frac{5}{8}$		

Sp. Gr. .976.

11.4754 Gallons to 1 Cwt.

229.5082 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$11\frac{1}{2}$ 11.4754
2.....	$\frac{1}{4}$	2....	23.... 22.9508
3.....	$\frac{3}{8}$	3....	$34\frac{3}{8}$ 34.4262
4.....	$\frac{1}{2}$	4....	$45\frac{7}{8}$ 45.9016
5.....	$\frac{5}{8}$	5....	$57\frac{3}{8}$ 57.3770
6.....	$\frac{3}{4}$	6....	$68\frac{7}{8}$ 68.8525
7.....	$\frac{7}{8}$	7....	$80\frac{3}{8}$ 80.3279
8.....	1.....	8....	$91\frac{3}{8}$ 91.8033
9.....	$1\frac{1}{8}$	9....	$103\frac{1}{4}$ 103.2787
10.....	$1\frac{1}{4}$	10....	$114\frac{3}{4}$ 114.7541
11.....	$1\frac{3}{8}$	11....	$126\frac{1}{2}$ 126.2295
12.....	$1\frac{1}{2}$	12....	$137\frac{3}{4}$ 137.7049
13.....	$1\frac{3}{4}$	13....	$149\frac{1}{8}$ 149.1803
14.....	$1\frac{7}{8}$	14....	$160\frac{5}{8}$ 160.6557
15.....	$1\frac{1}{2}$	15....	$172\frac{1}{8}$ 172.1311
16.....	$1\frac{5}{8}$	16....	$183\frac{5}{8}$ 183.6066
17.....	$1\frac{3}{4}$	17....	$195\frac{1}{8}$ 195.0820
18.....	$1\frac{7}{8}$	18....	$206\frac{1}{2}$ 206.5574
19.....	2.....	19....	218.... 218.0328
20.....	$2\frac{1}{8}$	20....	$229\frac{1}{2}$ 229.5082
21.....	$2\frac{1}{4}$	30....	$344\frac{1}{4}$ 344.2623
22.....	$2\frac{3}{8}$	40....	459.... 459.0164
23.....	$2\frac{1}{2}$	50....	$573\frac{3}{4}$ 573.7705
24.....	$2\frac{5}{8}$	60....	$688\frac{1}{2}$ 688.5246
25.....	$2\frac{3}{4}$	70....	$803\frac{1}{4}$ 803.2787
26.....	$2\frac{7}{8}$	80....	918.... 918.0328
27.....	3.....	90....	$1032\frac{3}{4}$ 1032.7869
Qrs.			
1.....	$2\frac{7}{8}$	100....	$1147\frac{1}{2}$ 1147.5410
2.....	$5\frac{3}{8}$	200....	$2295\frac{1}{8}$ 2295.0820
3.....	$8\frac{5}{8}$	300....	$3442\frac{5}{8}$ 3442.6229

Sp. Gr. .978.

11.4519 Gallons to 1 Cwt.

229.0388 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$11\frac{1}{2}$ 11.4519
2.....	$\frac{1}{4}$	2....	$22\frac{7}{8}$ 22.9039
3.....	$\frac{1}{2}$	3....	$34\frac{3}{8}$ 34.3558
4.....	$\frac{3}{8}$	4....	$45\frac{3}{4}$ 45.8078
5.....	$\frac{1}{2}$	5....	$57\frac{1}{4}$ 57.2597
6.....	$\frac{5}{8}$	6....	$68\frac{3}{4}$ 68.7117
7.....	$\frac{3}{4}$	7....	$80\frac{1}{8}$ 80.1636
8.....	$\frac{7}{8}$	8....	$91\frac{5}{8}$ 91.6155
9.....	$\frac{7}{8}$	9....	$103\frac{1}{8}$ 103.0675
10.....	1.....	10....	$114\frac{1}{2}$ 114.5194
11.....	$1\frac{1}{8}$	11....	126 125.9714
12.....	$1\frac{1}{4}$	12....	$137\frac{3}{8}$ 137.4233
13.....	$1\frac{3}{8}$	13....	$148\frac{7}{8}$ 148.8753
14.....	$1\frac{3}{8}$	14....	$160\frac{3}{8}$ 160.3272
15.....	$1\frac{1}{2}$	15....	$171\frac{3}{4}$ 171.7791
16.....	$1\frac{5}{8}$	16....	$183\frac{1}{4}$ 183.2311
17.....	$1\frac{3}{4}$	17....	$194\frac{5}{8}$ 194.6830
18.....	$1\frac{7}{8}$	18....	$206\frac{1}{8}$ 206.1350
19.....	2.....	19....	$216\frac{5}{8}$ 217.5869
20.....	2.....	20....	229 229.0388
21.....	$2\frac{1}{8}$	30....	$343\frac{1}{2}$ 343.5583
22.....	$2\frac{1}{4}$	40....	$458\frac{1}{8}$ 458.0777
23.....	$2\frac{3}{8}$	50....	$572\frac{5}{8}$ 572.5971
24.....	$2\frac{1}{2}$	60....	$687\frac{1}{8}$ 687.1166
25.....	$2\frac{1}{2}$	70....	$801\frac{5}{8}$ 801.6360
26.....	$2\frac{5}{8}$	80....	$916\frac{1}{8}$ 916.1554
27.....	$2\frac{3}{4}$	90....	$1030\frac{5}{8}$ 1030.6748
Qrs.			
1.....	$2\frac{7}{8}$	100....	$1145\frac{1}{4}$ 1145.1943
2.....	$5\frac{3}{4}$	200....	$2290\frac{3}{8}$ 2290.3885
3.....	$8\frac{5}{8}$	300....	$3435\frac{5}{8}$ 3435.5828

Sp. Gr. .980.

11·4286 Gallons to 1 Cwt.

228·5714 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1..... $\frac{1}{8}$	·1020	1.... $11\frac{3}{8}$	11·4286
2..... $\frac{1}{4}$	·2011	2.... $22\frac{7}{8}$	22·8571
3..... $\frac{1}{2}$	·3061	3.... $34\frac{1}{4}$	34·2857
4..... $\frac{3}{8}$	·4082	4.... $45\frac{3}{4}$	45·7143
5..... $\frac{1}{2}$	·5102	5.... $57\frac{1}{8}$	57·1429
6..... $\frac{5}{8}$	·6122	6.... $68\frac{5}{8}$	68·5714
7..... $\frac{3}{4}$	·7143	7....80.....	80·0000
8..... $\frac{7}{8}$	·8163	8.... $91\frac{3}{8}$	91·4286
9..... $\frac{7}{8}$	·9184	9.... $102\frac{7}{8}$	102·8571
10.....1.....	1·0204	10.... $114\frac{1}{4}$	114·2857
11..... $1\frac{1}{8}$	1·1224	11.... $125\frac{3}{4}$	125·7143
12..... $1\frac{1}{4}$	1·2245	12.... $137\frac{1}{8}$	137·1429
13..... $1\frac{3}{8}$	1·3265	13.... $148\frac{5}{8}$	148·5714
14..... $1\frac{3}{8}$	1·4286	14....160.....	160·0000
15..... $1\frac{1}{2}$	1·5306	15.... $171\frac{3}{8}$	171·4286
16..... $1\frac{5}{8}$	1·6326	16.... $182\frac{7}{8}$	182·8571
17..... $1\frac{3}{4}$	1·7347	17.... $194\frac{1}{4}$	194·2857
18..... $1\frac{7}{8}$	1·8367	18.... $205\frac{7}{8}$	205·7143
19.....2.....	1·9388	19.... $217\frac{1}{8}$	217·1429
20.....2.....	2·0408	20.... $228\frac{5}{8}$	228·5714
21..... $2\frac{1}{8}$	2·1429	30.... $342\frac{7}{8}$	342·8571
22..... $2\frac{1}{4}$	2·2449	40.... $457\frac{1}{8}$	457·1429
23..... $2\frac{3}{8}$	2·3469	50.... $571\frac{3}{8}$	571·4286
24..... $2\frac{1}{2}$	2·4490	60.... $685\frac{3}{4}$	685·7143
25..... $2\frac{1}{2}$	2·5510	70....800.....	800·0000
26..... $2\frac{5}{8}$	2·6531	80.... $914\frac{1}{4}$	914·2857
27..... $2\frac{3}{4}$	2·7551	90.... $1028\frac{5}{8}$	1028·5714
Qrs.		100.... $1142\frac{7}{8}$	1142·8571
1..... $2\frac{7}{8}$	2·8571	200.... $2285\frac{3}{4}$	2285·7143
2..... $5\frac{3}{4}$	5·7143	300.... $3428\frac{5}{8}$	3428·5714
3..... $8\frac{5}{8}$	8·5714		

Sp. Gr. .982.			
11.4053 Gallons to 1 Cwt.		228.1059 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$11\frac{3}{8}$ 11.4053
2.....	$\frac{1}{4}$	2....	$22\frac{3}{4}$ 22.8106
3.....	$\frac{3}{8}$	3....	$34\frac{1}{4}$ 34.2159
4.....	$\frac{1}{2}$	4....	$45\frac{5}{8}$ 45.6212
5.....	$\frac{5}{8}$	5....	57 57.0265
6.....	$\frac{3}{4}$	6....	$68\frac{3}{8}$ 68.4318
7.....	$\frac{7}{8}$	7....	$79\frac{7}{8}$ 79.8371
8.....	1.....	8....	$91\frac{1}{4}$ 91.2424
9.....	$1\frac{1}{8}$	9....	$102\frac{5}{8}$ 102.6477
10.....	$1\frac{1}{4}$	10....	114 114.0529
11.....	$1\frac{3}{8}$	11....	$125\frac{1}{2}$ 125.4582
12.....	$1\frac{1}{2}$	12....	$136\frac{7}{8}$ 136.8635
13.....	$1\frac{3}{4}$	13....	$148\frac{1}{4}$ 148.2688
14.....	$1\frac{7}{8}$	14....	$159\frac{5}{8}$ 159.6741
15.....	2	15....	$171\frac{1}{8}$ 171.0794
16.....	$2\frac{1}{8}$	16....	$182\frac{1}{2}$ 182.4847
17.....	$2\frac{1}{4}$	17....	$193\frac{7}{8}$ 193.8900
18.....	$2\frac{3}{8}$	18....	$205\frac{1}{4}$ 205.2953
19.....	$2\frac{1}{2}$	19....	$216\frac{3}{4}$ 216.7006
20.....	$2\frac{5}{8}$	20....	$228\frac{1}{8}$ 228.1059
21.....	$2\frac{3}{4}$	30....	$342\frac{1}{8}$ 342.1589
22.....	$2\frac{7}{8}$	40....	$456\frac{1}{4}$ 456.2118
23.....	3	50....	$570\frac{1}{4}$ 570.2648
24.....	$3\frac{1}{8}$	60....	$684\frac{3}{8}$ 684.3177
25.....	$3\frac{1}{4}$	70....	$798\frac{3}{8}$ 798.3707
26.....	$3\frac{3}{8}$	80....	$912\frac{3}{8}$ 912.4236
27.....	$3\frac{1}{2}$	90....	$1026\frac{1}{2}$ 1026.4766
Qrs.		100....	$1140\frac{1}{2}$ 1140.5295
1.....	$2\frac{7}{8}$	200....	2281 2281.0591
2.....	$5\frac{3}{4}$	300....	$3421\frac{5}{8}$ 3421.5886
3.....	$8\frac{1}{2}$		

Sp. Gr. '984.			
11·3821 Gallons to 1 Cwt.		227·6423 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$11\frac{3}{8}$ 11·3821
2.....	$\frac{1}{4}$	2....	$22\frac{3}{4}$ 22·7642
3.....	$\frac{1}{2}$	3....	$34\frac{1}{8}$ 34·1463
4.....	$\frac{3}{8}$	4....	$45\frac{1}{2}$ 45·5234
5.....	$\frac{1}{2}$	5....	$56\frac{7}{8}$ 56·9106
6.....	$\frac{5}{8}$	6....	$68\frac{1}{4}$ 68·2927
7.....	$\frac{3}{4}$	7....	$79\frac{5}{8}$ 79·6748
8.....	$\frac{7}{8}$	8....	91 91·0569
9.....	$\frac{7}{8}$	9....	$102\frac{1}{2}$ 102·4390
10.....	1.....	10....	$113\frac{7}{8}$ 113·8211
11.....	$1\frac{1}{8}$	11....	$125\frac{1}{4}$ 125·2032
12.....	$1\frac{1}{4}$	12....	$136\frac{5}{8}$ 136·5854
13.....	$1\frac{3}{8}$	13....	148..... 147·9675
14.....	$1\frac{3}{8}$	14....	$159\frac{3}{8}$ 159·3496
15.....	$1\frac{1}{2}$	15....	$170\frac{3}{4}$ 170·7317
16.....	$1\frac{5}{8}$	16....	$182\frac{1}{8}$ 182·1138
17.....	$1\frac{3}{4}$	17....	$193\frac{1}{2}$ 193·4959
18.....	$1\frac{7}{8}$	18....	$201\frac{7}{8}$ 204·8780
19.....	$1\frac{7}{8}$	19....	$216\frac{1}{4}$ 216·2602
20.....	2.....	20....	$227\frac{5}{8}$ 227·6423
21.....	$2\frac{1}{8}$	30....	$341\frac{1}{2}$ 341·4634
22.....	$2\frac{1}{4}$	40....	$455\frac{1}{4}$ 455·2845
23.....	$2\frac{3}{8}$	50....	$569\frac{1}{8}$ 569·1057
24.....	$2\frac{1}{2}$	60....	$682\frac{7}{8}$ 682·9268
25.....	$2\frac{1}{2}$	70....	$796\frac{3}{4}$ 796·7480
26.....	$2\frac{5}{8}$	80....	$910\frac{5}{8}$ 910·5691
27.....	$2\frac{3}{4}$	90....	$1024\frac{3}{8}$ 1024·3902
Qrs.			
1.....	$2\frac{7}{8}$	100....	$1138\frac{1}{4}$ 1138·2114
2.....	$5\frac{3}{4}$	200....	$2276\frac{3}{8}$ 2276·4228
3.....	$8\frac{1}{2}$	300....	$3414\frac{5}{8}$ 3414·6341

Sp. Gr. '986.

11·3590 Gallons to 1 Cwt.

227·1805 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$11\frac{3}{8}$ 11·3590
2.....	$\frac{1}{4}$	2....	$22\frac{3}{4}$ 22·7180
3.....	$\frac{1}{2}$	3....	$34\frac{1}{8}$ 34·0771
4.....	$\frac{3}{8}$	4....	$45\frac{3}{8}$ 45·4361
5.....	$\frac{1}{2}$	5....	$56\frac{3}{4}$ 56·7951
6.....	$\frac{5}{8}$	6....	$68\frac{1}{8}$ 68·1542
7.....	$\frac{3}{4}$	7....	$79\frac{1}{2}$ 79·5132
8.....	$\frac{7}{8}$	8....	$90\frac{7}{8}$ 90·8722
9.....	1.....	9....	$102\frac{1}{4}$ 102·2312
10.....	$1\frac{1}{8}$	10....	$113\frac{5}{8}$ 113·5903
11.....	$1\frac{1}{4}$	11....	125 121·9493
12.....	$1\frac{1}{2}$	12....	$136\frac{1}{4}$ 136·3083
13.....	$1\frac{3}{8}$	13....	$147\frac{5}{8}$ 147·6673
14.....	$1\frac{1}{2}$	14....	159 159·0264
15.....	$1\frac{5}{8}$	15....	$170\frac{3}{8}$ 170·3854
16.....	$1\frac{3}{4}$	16....	$181\frac{3}{4}$ 181·7444
17.....	$1\frac{7}{8}$	17....	$193\frac{1}{8}$ 193·1034
18.....	2.....	18....	$204\frac{1}{2}$ 204·4625
19.....	$2\frac{1}{8}$	19....	$215\frac{7}{8}$ 215·8215
20.....	$2\frac{1}{4}$	20....	$227\frac{1}{8}$ 227·1805
21.....	$2\frac{1}{2}$	30....	$340\frac{3}{4}$ 340·7708
22.....	$2\frac{3}{8}$	40....	$454\frac{3}{8}$ 454·3610
23.....	$2\frac{1}{2}$	50....	568 567·9513
24.....	$2\frac{5}{8}$	60....	$681\frac{1}{2}$ 681·5416
25.....	$2\frac{3}{4}$	70....	$795\frac{1}{8}$ 795·1318
26.....	$2\frac{7}{8}$	80....	$908\frac{3}{4}$ 908·7221
27.....	3.....	90....	$1022\frac{1}{4}$ 1022·3124
Qrs.			
1.....	$2\frac{7}{8}$	100....	$1135\frac{7}{8}$ 1135·9026
2.....	$5\frac{5}{8}$	200....	$2271\frac{3}{4}$ 2271·8053
3.....	$8\frac{1}{2}$	300....	$3407\frac{3}{4}$ 3407·7079

Sp. Gr. .988.			
11·3360 Gallons to 1 Cwt.		226·7206 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1..... $\frac{1}{8}$	·1012	1.... $11\frac{3}{8}$	11·3360
2..... $\frac{1}{4}$	·2024	2.... $22\frac{5}{8}$	22·6721
3..... $\frac{3}{8}$	·3036	3....34....	31·0081
4..... $\frac{1}{2}$	·4019	4.... $45\frac{3}{8}$	45·3441
5..... $\frac{5}{8}$	·5061	5.... $56\frac{5}{8}$	56·6802
6..... $\frac{3}{4}$	·6073	6....68....	68·0162
7..... $\frac{7}{8}$	·7085	7.... $79\frac{3}{8}$	79·3522
8.....1.....	·8097	8.... $90\frac{1}{4}$	90·6883
9..... $1\frac{1}{8}$	·9109	9....102....	102·0243
10..... $1\frac{1}{4}$	1·0121	10.... $113\frac{3}{8}$	113·3603
11..... $1\frac{1}{2}$	1·1134	11.... $124\frac{1}{4}$	124·6964
12..... $1\frac{3}{8}$	1·2146	12....136....	136·0324
13..... $1\frac{1}{2}$	1·3158	13.... $147\frac{3}{8}$	147·3684
14..... $1\frac{5}{8}$	1·4170	14.... $158\frac{3}{4}$	158·7044
15..... $1\frac{3}{4}$	1·5182	15....170....	170·0405
16..... $1\frac{7}{8}$	1·6194	16.... $181\frac{3}{8}$	181·3765
17..... $1\frac{1}{2}$	1·7206	17.... $192\frac{3}{4}$	192·7125
18..... $1\frac{5}{8}$	1·8219	18....204....	204·0486
19..... $1\frac{3}{4}$	1·9231	19.... $215\frac{3}{8}$	215·3846
20.....2.....	2·0243	20.... $226\frac{3}{4}$	226·7206
21..... $2\frac{1}{8}$	2·1255	30.... $340\frac{1}{8}$	340·0810
22..... $2\frac{1}{4}$	2·2267	40.... $453\frac{1}{2}$	453·4413
23..... $2\frac{3}{8}$	2·3279	50.... $566\frac{3}{4}$	566·8016
24..... $2\frac{1}{2}$	2·4291	60.... $680\frac{1}{8}$	680·1619
25..... $2\frac{5}{8}$	2·5304	70.... $793\frac{1}{2}$	793·5223
26..... $2\frac{3}{4}$	2·6316	80.... $906\frac{3}{8}$	906·8826
27..... $2\frac{7}{8}$	2·7328	90.... $1020\frac{1}{4}$	1020·2429
Qrs.		100.... $1133\frac{5}{8}$	1133·6032
1..... $2\frac{1}{8}$	2·8340	200.... $2267\frac{1}{4}$	2267·2065
2..... $5\frac{5}{8}$	5·6680	300.... $3400\frac{3}{4}$	3400·8097
3..... $8\frac{1}{2}$	8·5020		

Sp. Gr. .990.			
11·3131 Gallons to 1 Cwt.		226·2626 Gallons to 1 Ton.	
Lbs.	Gallons.	Cwts.	Gallons.
1..... $\frac{1}{8}$	·1010	1.... $11\frac{3}{8}$	11·3131
2..... $\frac{1}{4}$	·2020	2.... $22\frac{5}{8}$	22·6263
3..... $\frac{3}{4}$	·3030	3....31....	33·9394
4..... $\frac{3}{8}$	·4040	4.... $45\frac{1}{4}$	45·2525
5..... $\frac{1}{2}$	·5050	5.... $56\frac{5}{8}$	56·5657
6..... $\frac{5}{8}$	·6061	6.... $67\frac{7}{8}$	67·8788
7..... $\frac{3}{4}$	·7071	7.... $79\frac{1}{4}$	79·1919
8..... $\frac{3}{4}$	·8081	8.... $90\frac{1}{2}$	90·5050
9..... $\frac{7}{8}$	·9091	9.... $101\frac{7}{8}$	101·8182
10.....1.....	1·0101	10.... $113\frac{1}{4}$	113·1313
11..... $1\frac{1}{8}$	1·1111	11.... $124\frac{1}{2}$	121·4441
12..... $1\frac{1}{4}$	1·2121	12.... $135\frac{3}{4}$	135·7576
13..... $1\frac{3}{8}$	1·3131	13.... $147\frac{1}{8}$	147·0707
14..... $1\frac{3}{8}$	1·4141	14.... $158\frac{3}{8}$	158·3838
15..... $1\frac{1}{2}$	1·5151	15.... $169\frac{3}{4}$	169·6970
16..... $1\frac{5}{8}$	1·6162	16....181....	181·0101
17..... $1\frac{3}{4}$	1·7172	17.... $192\frac{3}{8}$	192·3232
18..... $1\frac{7}{8}$	1·8182	18.... $203\frac{5}{8}$	203·6364
19.... $1\frac{7}{8}$	1·9192	19....215....	214·9495
20.....2.....	2·0202	20.... $226\frac{1}{4}$	226·2626
21..... $2\frac{1}{8}$	2·1212	30.... $339\frac{3}{8}$	339·3939
22..... $2\frac{1}{4}$	2·2222	40.... $452\frac{1}{2}$	452·5252
23..... $2\frac{3}{8}$	2·3232	50.... $565\frac{5}{8}$	565·6566
24..... $2\frac{3}{8}$	2·4242	60.... $678\frac{3}{4}$	678·7879
25..... $2\frac{1}{2}$	2·5252	70.... $791\frac{7}{8}$	791·9192
26..... $2\frac{5}{8}$	2·6263	80....905....	905·0505
27..... $2\frac{3}{4}$	2·7273	90.... $1018\frac{1}{8}$	1018·1818
Qrs.			
1..... $2\frac{7}{8}$	2·8283	100.... $1131\frac{3}{8}$	1131·3131
2..... $5\frac{5}{8}$	5·6566	200.... $2262\frac{5}{8}$	2262·6263
3..... $8\frac{1}{2}$	8·4848	300....3394....	3393·9394

Sp. Gr. .992.

11·2903 Gallons to 1 Cwt.

225·8064 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1..... $\frac{1}{8}$	·1008	1.... $11\frac{1}{8}$	11·2903
2..... $\frac{1}{4}$	·2016	2.... $22\frac{1}{4}$	22·5806
3..... $\frac{1}{2}$	·3024	3.... $33\frac{1}{2}$	33·8710
4..... $\frac{3}{8}$	·4032	4.... $45\frac{1}{8}$	45·1613
5..... $\frac{1}{2}$	·5040	5.... $56\frac{1}{4}$	56·4516
6..... $\frac{5}{8}$	·6048	6.... $67\frac{3}{4}$	67·7419
7..... $\frac{3}{4}$	·7056	7....79.....	79·0323
8..... $\frac{7}{8}$	·8064	8.... $90\frac{3}{8}$	90·3226
9..... $1\frac{1}{8}$	·9073	9.... $101\frac{5}{8}$	101·6129
10..... $1\frac{1}{4}$	1·0081	10.... $112\frac{7}{8}$	112·9032
11..... $1\frac{1}{2}$	1·1089	11.... $124\frac{1}{2}$	124·1935
12..... $1\frac{3}{4}$	1·2097	12.... $135\frac{1}{2}$	135·4839
13..... $1\frac{7}{8}$	1·3105	13.... $146\frac{3}{4}$	146·7742
14..... $1\frac{5}{4}$	1·4113	14.... $158\frac{1}{4}$	158·0645
15..... $1\frac{1}{2}$	1·5121	15.... $169\frac{3}{8}$	169·3548
16..... $1\frac{5}{8}$	1·6129	16.... $180\frac{5}{8}$	180·6452
17..... $1\frac{3}{4}$	1·7137	17.... $191\frac{7}{8}$	191·9355
18..... $1\frac{7}{8}$	1·8145	18.... $203\frac{1}{4}$	203·2258
19..... $1\frac{7}{8}$	1·9153	19.... $214\frac{1}{2}$	214·5161
20.....2.....	2·0161	20.... $225\frac{3}{4}$	225·8064
21..... $2\frac{1}{8}$	2·1169	30.... $338\frac{3}{4}$	338·7097
22..... $2\frac{1}{4}$	2·2177	40.... $451\frac{5}{8}$	451·6129
23..... $2\frac{3}{8}$	2·3185	50.... $564\frac{1}{2}$	564·5161
24..... $2\frac{3}{4}$	2·4193	60.... $677\frac{3}{4}$	677·4193
25..... $2\frac{1}{2}$	2·5202	70.... $790\frac{3}{8}$	790·3226
26..... $2\frac{5}{8}$	2·6210	80.... $903\frac{1}{4}$	903·2258
27..... $2\frac{3}{4}$	2·7218	90.... $1016\frac{1}{8}$	1016·1290
Qrs.		100....1129.....	1129·0323
1..... $2\frac{3}{8}$	2·8226	200.... $2258\frac{1}{8}$	2258·0645
2..... $5\frac{5}{8}$	5·6452	300.... $3387\frac{1}{8}$	3387·0968
3..... $8\frac{1}{2}$	8·4677		

Sp. Gr. '994.

11·2676 Gallons to 1 Cwt.

225·3521 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1..... $\frac{1}{8}$	·1006	1.... $11\frac{1}{4}$	11·2676
2..... $\frac{1}{4}$	·2012	2.... $22\frac{1}{2}$	22·5352
3..... $\frac{1}{2}$	·3018	3.... $33\frac{3}{4}$	33·8028
4..... $\frac{3}{8}$	·4024	4.... $45\frac{1}{8}$	45·0704
5..... $\frac{1}{2}$	·5030	5.... $56\frac{3}{8}$	56·3380
6..... $\frac{5}{8}$	·6036	6.... $67\frac{5}{8}$	67·6056
7..... $\frac{3}{4}$	·7042	7.... $78\frac{7}{8}$	78·8732
8..... $\frac{3}{4}$	·8048	8.... $90\frac{1}{8}$	90·1408
9..... $\frac{7}{8}$	·9054	9.... $101\frac{3}{8}$	101·4084
10.....1.....	1·0060	10.... $112\frac{5}{8}$	112·6761
11..... $1\frac{1}{8}$	1·1066	11....124.....	123·9437
12..... $1\frac{1}{4}$	1·2072	12.... $135\frac{1}{4}$	135·2113
13..... $1\frac{1}{2}$	1·3078	13.... $146\frac{1}{2}$	146·4789
14..... $1\frac{3}{4}$	1·4084	14.... $157\frac{3}{4}$	157·7465
15..... $1\frac{1}{2}$	1·5090	15....169.....	169·0141
16..... $1\frac{5}{8}$	1·6097	16.... $180\frac{1}{4}$	180·2817
17..... $1\frac{3}{4}$	1·7103	17.... $191\frac{1}{2}$	191·5493
18..... $1\frac{3}{4}$	1·8109	18.... $202\frac{7}{8}$	202·8169
19..... $1\frac{7}{8}$	1·9115	19.... $214\frac{1}{8}$	214·0845
20.....2.....	2·0121	20.... $225\frac{3}{8}$	225·3521
21..... $2\frac{1}{8}$	2·1127	30....338.....	338·0282
22..... $2\frac{1}{4}$	2·2133	40.... $450\frac{3}{4}$	450·7042
23..... $2\frac{3}{8}$	2·3139	50.... $563\frac{3}{8}$	563·3803
24..... $2\frac{3}{8}$	2·4145	60....676.....	676·0563
25..... $2\frac{1}{2}$	2·5151	70.... $788\frac{3}{4}$	788·7324
26..... $2\frac{5}{8}$	2·6157	80.... $901\frac{3}{8}$	901·4084
27..... $2\frac{3}{4}$	2·7163	90.... $1014\frac{1}{8}$	1014·0845
Qrs.			
1..... $2\frac{7}{8}$	2·8169	100.... $1126\frac{3}{4}$	1126·7606
2..... $5\frac{5}{8}$	5·6338	200.... $2253\frac{1}{2}$	2253·5211
3..... $8\frac{1}{2}$	8·4507	300.... $3380\frac{1}{4}$	3380·2817

Sp. Gr. .996.

11·2450 Gallons to 1 Cwt.

224·8996 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1..... $\frac{1}{8}$	·1004	1.... $11\frac{1}{4}$	11·2150
2..... $\frac{1}{4}$	·2008	2.... $22\frac{1}{2}$	22·4900
3..... $\frac{1}{2}$	·3012	3.... $33\frac{3}{4}$	33·7349
4..... $\frac{3}{8}$	·4016	4....45.....	44·9799
5..... $\frac{1}{2}$	·5020	5.... $56\frac{1}{4}$	56·2249
6..... $\frac{5}{8}$	·6024	6.... $67\frac{1}{2}$	67·4699
7..... $\frac{3}{4}$	·7028	7.... $78\frac{3}{4}$	78·7149
8..... $\frac{7}{8}$	·8032	8....90.....	89·9598
9.....1.....	·9036	9.... $101\frac{1}{4}$	101·2048
10..... $1\frac{1}{8}$	1·0040	10.... $112\frac{1}{2}$	112·4498
11..... $1\frac{1}{4}$	1·1044	11.... $123\frac{3}{4}$	123·6948
12..... $1\frac{1}{2}$	1·2048	12....135.....	134·9398
13..... $1\frac{3}{4}$	1·3052	13.... $146\frac{1}{8}$	146·1847
14..... $1\frac{7}{8}$	1·4056	14.... $157\frac{3}{8}$	157·4297
15..... $1\frac{1}{2}$	1·5060	15.... $168\frac{5}{8}$	168·6747
16..... $1\frac{5}{8}$	1·6064	16.... $179\frac{7}{8}$	179·9197
17..... $1\frac{3}{4}$	1·7068	17.... $191\frac{1}{8}$	191·1647
18..... $1\frac{7}{8}$	1·8072	18.... $202\frac{3}{8}$	202·4096
19..... $1\frac{7}{8}$	1·9076	19.... $213\frac{5}{8}$	213·6546
20.....2.....	2·0080	20.... $224\frac{7}{8}$	224·8996
21..... $2\frac{1}{8}$	2·1084	30.... $337\frac{3}{8}$	337·3494
22..... $2\frac{1}{4}$	2·2088	40.... $449\frac{3}{4}$	449·7992
23..... $2\frac{1}{2}$	2·3092	50.... $562\frac{1}{4}$	562·2490
24..... $2\frac{3}{4}$	2·4096	60.... $674\frac{1}{2}$	674·6988
25..... $2\frac{1}{2}$	2·5100	70.... $787\frac{1}{8}$	787·1486
26..... $2\frac{5}{8}$	2·6104	80.... $899\frac{5}{8}$	899·5984
27..... $2\frac{3}{4}$	2·7108	90....1012....	1012·0482
Qrs.		100.... $1124\frac{1}{2}$	1124·4980
1..... $2\frac{3}{4}$	2·8112	200....2249....	2248·9960
2..... $5\frac{5}{8}$	5·6225	300.... $3373\frac{1}{2}$	3373·4940
3..... $8\frac{3}{8}$	8·4337		

Sp. Gr. .998.

11.2224 Gallons to 1 Cwt.

224.4489 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1..... $\frac{1}{8}$	1002	1.... $11\frac{1}{4}$	11.2221
2..... $\frac{1}{4}$	2001	2... $22\frac{1}{2}$	22.4449
3..... $\frac{1}{2}$	3006	3.... $33\frac{5}{8}$	33.6673
4..... $\frac{3}{8}$	4008	4.... $44\frac{7}{8}$	44.8898
5..... $\frac{1}{2}$	5010	5.... $56\frac{1}{8}$	56.1122
6..... $\frac{5}{8}$	6012	6.... $67\frac{3}{8}$	67.3347
7..... $\frac{3}{4}$	7014	7.... $78\frac{1}{2}$	78.5571
8..... $\frac{3}{4}$	8016	8.... $89\frac{3}{4}$	89.7796
9..... $\frac{7}{8}$	9018	9....101....	101.0020
10.....1.....	10020	10.... $112\frac{1}{2}$	112.2241
11..... $1\frac{1}{8}$	11022	11.... $123\frac{1}{2}$	123.4469
12..... $1\frac{1}{4}$	12024	12.... $134\frac{5}{8}$	134.6693
13..... $1\frac{1}{2}$	13026	13.... $145\frac{7}{8}$	145.8918
14..... $1\frac{3}{8}$	14028	14.... $157\frac{1}{8}$	157.1142
15..... $1\frac{1}{2}$	15039	15.... $168\frac{3}{8}$	168.3367
16..... $1\frac{5}{8}$	16032	16.... $179\frac{1}{2}$	179.5591
17..... $1\frac{3}{4}$	17034	17.... $190\frac{3}{4}$	190.7816
18..... $1\frac{3}{4}$	18036	18....202....	202.0040
19..... $1\frac{7}{8}$	19038	19.... $213\frac{1}{4}$	213.2264
20.....2.....	20040	20.... $224\frac{1}{2}$	224.4489
21..... $2\frac{1}{8}$	21042	30.... $336\frac{5}{8}$	336.6733
22..... $2\frac{1}{4}$	22044	40.... $448\frac{7}{8}$	448.8978
23..... $2\frac{1}{2}$	23046	50.... $561\frac{1}{8}$	561.1222
24..... $2\frac{3}{8}$	24048	60.... $673\frac{3}{8}$	673.3467
25..... $2\frac{1}{2}$	25050	70.... $785\frac{5}{8}$	785.5711
26..... $2\frac{5}{8}$	26052	80.... $897\frac{3}{4}$	897.7956
27..... $2\frac{3}{4}$	27054	90....1010....	1010.0200
Qrs.			
1..... $2\frac{3}{4}$	28056	100.... $1122\frac{1}{4}$	1122.2445
2..... $5\frac{5}{8}$	56112	200.... $2244\frac{1}{2}$	2244.4890
3..... $8\frac{3}{8}$	84168	300.... $3366\frac{3}{4}$	3366.7335

Sp. Gr. 1·000.

11·2000 Gallons to 1 Cwt.

224·0000 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1..... $\frac{1}{8}$	·1000	1.... $11\frac{1}{4}$	11·2000
2..... $\frac{1}{4}$	·2000	2.... $22\frac{3}{8}$	22·4000
3..... $\frac{1}{2}$	·3000	3.... $33\frac{5}{8}$	33·6000
4..... $\frac{3}{8}$	·4000	4.... $44\frac{3}{4}$	44·8000
5..... $\frac{1}{2}$	·5000	5....56.....	56·0000
6..... $\frac{5}{8}$	·6000	6.... $67\frac{1}{4}$	67·2000
7..... $\frac{3}{4}$	·7000	7.... $78\frac{3}{8}$	78·4000
8..... $\frac{7}{8}$	·8000	8.... $89\frac{5}{8}$	89·6000
9.....1.....	·9000	9.... $100\frac{3}{4}$	100·8000
10.....1.....	1·0000	10....112.....	112·0000
11..... $1\frac{1}{8}$	1·1000	11.... $123\frac{1}{4}$	123·2000
12..... $1\frac{1}{4}$	1·2000	12.... $134\frac{3}{8}$	134·4000
13..... $1\frac{1}{2}$	1·3000	13.... $145\frac{5}{8}$	145·6000
14..... $1\frac{3}{8}$	1·4000	14.... $156\frac{3}{4}$	156·8000
15..... $1\frac{1}{2}$	1·5000	15....168.....	168·0000
16..... $1\frac{5}{8}$	1·6000	16.... $179\frac{1}{4}$	179·2000
17..... $1\frac{3}{4}$	1·7000	17.... $190\frac{3}{8}$	190·4000
18..... $1\frac{7}{8}$	1·8000	18.... $201\frac{5}{8}$	201·6000
19..... $1\frac{7}{8}$	1·9000	19.... $212\frac{3}{4}$	212·8000
20.....2.....	2·0000	20....224.....	224·0000
21..... $2\frac{1}{8}$	2·1000	30....336.....	336·0000
22..... $2\frac{1}{4}$	2·2000	40....448.....	448·0000
23..... $2\frac{1}{2}$	2·3000	50....560.....	560·0000
24..... $2\frac{3}{8}$	2·4000	60....672.....	672·0000
25..... $2\frac{1}{2}$	2·5000	70....784.....	784·0000
26..... $2\frac{5}{8}$	2·6000	80....896.....	896·0000
27..... $2\frac{3}{4}$	2·7000	90....1003.....	1003·0000
Qrs.		100....1120.....	1120·0000
1..... $2\frac{1}{4}$	2·8000	200....2240.....	2240·0000
2..... $5\frac{5}{8}$	5·6000	300....3360.....	3360·0000
3..... $8\frac{3}{8}$	8·4000		

Sp. Gr. 1·004.

11·1554 Gallons to 1 Cwt.

223·1076 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$11\frac{1}{8}$
2.....	$\frac{1}{4}$	2....	$22\frac{1}{4}$
3.....	$\frac{3}{8}$	3....	$33\frac{3}{8}$
4.....	$\frac{1}{2}$	4....	$44\frac{1}{2}$
5.....	$\frac{5}{8}$	5....	$55\frac{5}{8}$
6.....	$\frac{3}{4}$	6....	$66\frac{3}{4}$
7.....	$\frac{7}{8}$	7....	$77\frac{7}{8}$
8.....	1.....	8....	88.....
9.....	$1\frac{1}{8}$	9....	$99\frac{1}{8}$
10.....	$1\frac{1}{4}$	10....	$110\frac{1}{4}$
11.....	$1\frac{3}{8}$	11....	$121\frac{3}{8}$
12.....	$1\frac{1}{2}$	12....	$132\frac{1}{2}$
13.....	$1\frac{5}{8}$	13....	$143\frac{5}{8}$
14.....	$1\frac{3}{4}$	14....	$154\frac{3}{4}$
15.....	$1\frac{7}{8}$	15....	$165\frac{7}{8}$
16.....	2.....	16....	176.....
17.....	$2\frac{1}{8}$	17....	$187\frac{1}{8}$
18.....	$2\frac{1}{4}$	18....	$198\frac{1}{4}$
19.....	$2\frac{3}{8}$	19....	$209\frac{3}{8}$
20.....	$2\frac{1}{2}$	20....	$220\frac{1}{2}$
21.....	$2\frac{5}{8}$	21....	$231\frac{5}{8}$
22.....	$2\frac{3}{4}$	22....	$242\frac{3}{4}$
23.....	$2\frac{7}{8}$	23....	$253\frac{7}{8}$
24.....	3.....	24....	264.....
25.....	$3\frac{1}{8}$	25....	$275\frac{1}{8}$
26.....	$3\frac{1}{4}$	26....	$286\frac{1}{4}$
27.....	$3\frac{3}{8}$	27....	$297\frac{3}{8}$
28.....	$3\frac{1}{2}$	28....	$308\frac{1}{2}$
29.....	$3\frac{5}{8}$	29....	$319\frac{5}{8}$
30.....	$3\frac{3}{4}$	30....	$330\frac{3}{4}$
31.....	$3\frac{7}{8}$	31....	$341\frac{7}{8}$
32.....	4.....	32....	352.....
33.....	$4\frac{1}{8}$	33....	$363\frac{1}{8}$
34.....	$4\frac{1}{4}$	34....	$374\frac{1}{4}$
35.....	$4\frac{3}{8}$	35....	$385\frac{3}{8}$
36.....	$4\frac{1}{2}$	36....	$396\frac{1}{2}$
37.....	$4\frac{5}{8}$	37....	$407\frac{5}{8}$
38.....	$4\frac{3}{4}$	38....	$418\frac{3}{4}$
39.....	$4\frac{7}{8}$	39....	$429\frac{7}{8}$
40.....	5.....	40....	440.....
41.....	$5\frac{1}{8}$	41....	$451\frac{1}{8}$
42.....	$5\frac{1}{4}$	42....	$462\frac{1}{4}$
43.....	$5\frac{3}{8}$	43....	$473\frac{3}{8}$
44.....	$5\frac{1}{2}$	44....	$484\frac{1}{2}$
45.....	$5\frac{5}{8}$	45....	$495\frac{5}{8}$
46.....	$5\frac{3}{4}$	46....	$506\frac{3}{4}$
47.....	$5\frac{7}{8}$	47....	$517\frac{7}{8}$
48.....	6.....	48....	528.....
49.....	$6\frac{1}{8}$	49....	$539\frac{1}{8}$
50.....	$6\frac{1}{4}$	50....	$550\frac{1}{4}$
51.....	$6\frac{3}{8}$	51....	$561\frac{3}{8}$
52.....	$6\frac{1}{2}$	52....	$572\frac{1}{2}$
53.....	$6\frac{5}{8}$	53....	$583\frac{5}{8}$
54.....	$6\frac{3}{4}$	54....	$594\frac{3}{4}$
55.....	$6\frac{7}{8}$	55....	$605\frac{7}{8}$
56.....	7.....	56....	616.....
57.....	$7\frac{1}{8}$	57....	$627\frac{1}{8}$
58.....	$7\frac{1}{4}$	58....	$638\frac{1}{4}$
59.....	$7\frac{3}{8}$	59....	$649\frac{3}{8}$
60.....	$7\frac{1}{2}$	60....	$660\frac{1}{2}$
61.....	$7\frac{5}{8}$	61....	$671\frac{5}{8}$
62.....	$7\frac{3}{4}$	62....	$682\frac{3}{4}$
63.....	$7\frac{7}{8}$	63....	$693\frac{7}{8}$
64.....	8.....	64....	704.....
65.....	$8\frac{1}{8}$	65....	$715\frac{1}{8}$
66.....	$8\frac{1}{4}$	66....	$726\frac{1}{4}$
67.....	$8\frac{3}{8}$	67....	$737\frac{3}{8}$
68.....	$8\frac{1}{2}$	68....	$748\frac{1}{2}$
69.....	$8\frac{5}{8}$	69....	$759\frac{5}{8}$
70.....	$8\frac{3}{4}$	70....	$770\frac{3}{4}$
71.....	$8\frac{7}{8}$	71....	$781\frac{7}{8}$
72.....	9.....	72....	792.....
73.....	$9\frac{1}{8}$	73....	$803\frac{1}{8}$
74.....	$9\frac{1}{4}$	74....	$814\frac{1}{4}$
75.....	$9\frac{3}{8}$	75....	$825\frac{3}{8}$
76.....	$9\frac{1}{2}$	76....	$836\frac{1}{2}$
77.....	$9\frac{5}{8}$	77....	$847\frac{5}{8}$
78.....	$9\frac{3}{4}$	78....	$858\frac{3}{4}$
79.....	$9\frac{7}{8}$	79....	$869\frac{7}{8}$
80.....	10.....	80....	880.....
81.....	$10\frac{1}{8}$	81....	$891\frac{1}{8}$
82.....	$10\frac{1}{4}$	82....	$902\frac{1}{4}$
83.....	$10\frac{3}{8}$	83....	$913\frac{3}{8}$
84.....	$10\frac{1}{2}$	84....	$924\frac{1}{2}$
85.....	$10\frac{5}{8}$	85....	$935\frac{5}{8}$
86.....	$10\frac{3}{4}$	86....	$946\frac{3}{4}$
87.....	$10\frac{7}{8}$	87....	$957\frac{7}{8}$
88.....	11.....	88....	968.....
89.....	$11\frac{1}{8}$	89....	$979\frac{1}{8}$
90.....	$11\frac{1}{4}$	90....	$990\frac{1}{4}$
91.....	$11\frac{3}{8}$	91....	$1001\frac{3}{8}$
92.....	$11\frac{1}{2}$	92....	$1012\frac{1}{2}$
93.....	$11\frac{5}{8}$	93....	$1023\frac{5}{8}$
94.....	$11\frac{3}{4}$	94....	$1034\frac{3}{4}$
95.....	$11\frac{7}{8}$	95....	$1045\frac{7}{8}$
96.....	12.....	96....	1056.....
97.....	$12\frac{1}{8}$	97....	$1067\frac{1}{8}$
98.....	$12\frac{1}{4}$	98....	$1078\frac{1}{4}$
99.....	$12\frac{3}{8}$	99....	$1089\frac{3}{8}$
100.....	$12\frac{1}{2}$	100....	$1100\frac{1}{2}$

Qrs.

Sp. Gr. 1·008.

11·1111 Gallons to 1 Cwt.

222·2222 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$11\frac{1}{8}$
2.....	$\frac{1}{4}$	2....	$22\frac{1}{4}$
3.....	$\frac{1}{2}$	3....	$33\frac{3}{8}$
4.....	$\frac{3}{8}$	4....	$44\frac{1}{2}$
5.....	$\frac{1}{2}$	5....	$55\frac{1}{2}$
6.....	$\frac{5}{8}$	6....	$66\frac{5}{8}$
7.....	$\frac{3}{4}$	7....	$77\frac{3}{4}$
8.....	$\frac{3}{4}$	8....	$88\frac{7}{8}$
9.....	$\frac{7}{8}$	9....	100
10.....	1.....	10....	$111\frac{1}{8}$
11.....	$1\frac{1}{8}$	11....	$122\frac{1}{4}$
12.....	$1\frac{1}{4}$	12....	$133\frac{3}{8}$
13.....	$1\frac{1}{2}$	13....	$144\frac{1}{2}$
14.....	$1\frac{3}{8}$	14....	$155\frac{1}{2}$
15.....	$1\frac{1}{2}$	15....	$166\frac{5}{8}$
16.....	$1\frac{5}{8}$	16....	$177\frac{3}{4}$
17.....	$1\frac{5}{8}$	17....	$188\frac{7}{8}$
18.....	$1\frac{3}{4}$	18....	200
19.....	$1\frac{7}{8}$	19....	$211\frac{1}{8}$
20.....	2.....	20....	$222\frac{1}{4}$
21.....	$2\frac{1}{8}$	30....	$333\frac{3}{8}$
22.....	$2\frac{1}{8}$	40....	$444\frac{1}{2}$
23.....	$2\frac{1}{4}$	50....	$555\frac{1}{2}$
24.....	$2\frac{3}{8}$	60....	$666\frac{5}{8}$
25.....	$2\frac{1}{2}$	70....	$777\frac{3}{4}$
26.....	$2\frac{5}{8}$	80....	$888\frac{7}{8}$
27.....	$2\frac{5}{8}$	90....	1000
Qrs.		100....	$1111\frac{1}{8}$
1.....	$2\frac{3}{4}$	200....	$2222\frac{1}{4}$
2.....	$5\frac{1}{2}$	300....	$3333\frac{3}{8}$
3.....	$8\frac{3}{8}$		

Sp. Gr. 1·012.

11·0672 Gallons to 1 Cwt.

221·3439 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$11\frac{1}{8}$
2.....	$\frac{1}{4}$	2....	$22\frac{1}{8}$
3.....	$\frac{1}{2}$	3....	$33\frac{1}{8}$
4.....	$\frac{3}{8}$	4....	$44\frac{1}{8}$
5.....	$\frac{1}{2}$	5....	$55\frac{3}{8}$
6.....	$\frac{5}{8}$	6....	$66\frac{3}{8}$
7.....	$\frac{3}{4}$	7....	$77\frac{1}{2}$
8.....	$\frac{3}{4}$	8....	$88\frac{1}{2}$
9.....	$\frac{7}{8}$	9....	$99\frac{5}{8}$
10.....	1.....	10....	$110\frac{5}{8}$
11.....	$1\frac{1}{8}$	11....	$121\frac{3}{4}$
12.....	$1\frac{1}{8}$	12....	$132\frac{3}{4}$
13.....	$1\frac{1}{4}$	13....	$143\frac{7}{8}$
14.....	$1\frac{3}{8}$	14....	155.....
15.....	$1\frac{1}{2}$	15....	166.....
16.....	$1\frac{5}{8}$	16....	$177\frac{1}{8}$
17.....	$1\frac{5}{8}$	17....	$188\frac{1}{8}$
18.....	$1\frac{3}{4}$	18....	$199\frac{1}{4}$
19.....	$1\frac{7}{8}$	19....	$210\frac{1}{4}$
20.....	2.....	20....	$221\frac{3}{8}$
21.....	$2\frac{1}{8}$	30....	332.....
22.....	$2\frac{1}{8}$	40....	$442\frac{3}{4}$
23.....	$2\frac{1}{4}$	50....	$553\frac{3}{8}$
24.....	$2\frac{3}{8}$	60....	664.....
25.....	$2\frac{1}{2}$	70....	$774\frac{3}{4}$
26.....	$2\frac{5}{8}$	80....	$885\frac{3}{8}$
27.....	$2\frac{5}{8}$	90....	996.....
Qrs.			
1.....	$2\frac{3}{4}$	100....	$1106\frac{3}{4}$
2.....	$5\frac{1}{2}$	200....	$2213\frac{1}{2}$
3.....	$8\frac{1}{4}$	300....	$3320\frac{1}{8}$

Sp. Gr. 1·016.

11·0236 Gallons to 1 Cwt.

220·4724 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	·0984	1.... 11..... 11·0236
2.....	$\frac{1}{4}$	·1968	2.... 22..... 22·0472
3.....	$\frac{3}{8}$	·2953	3.... 33 $\frac{1}{8}$ 33·0709
4.....	$\frac{1}{2}$	·3937	4.... 44 $\frac{1}{4}$ 44·0945
5.....	$\frac{5}{8}$	·4921	5.... 55 $\frac{1}{2}$ 55·1181
6.....	$\frac{3}{4}$	·5905	6.... 66 $\frac{3}{4}$ 66·1417
7.....	$\frac{7}{8}$	·6890	7.... 77 $\frac{7}{8}$ 77·1653
8.....	1.....	·7874	8.... 88..... 88·1890
9.....	$1\frac{1}{8}$	·8858	9.... 99 $\frac{1}{4}$ 99·2126
10.....	$1\frac{1}{4}$	·9842	10.... 110 $\frac{1}{2}$ 110·2362
11.....	$1\frac{3}{8}$	1·0827	11.... 121 $\frac{1}{4}$ 121·2598
12.....	$1\frac{1}{2}$	1·1811	12.... 132 $\frac{1}{2}$ 132·2835
13.....	$1\frac{5}{8}$	1·2795	13.... 143 $\frac{3}{4}$ 143·3071
14.....	$1\frac{3}{4}$	1·3779	14.... 154..... 154·3307
15.....	$1\frac{7}{8}$	1·4764	15.... 165 $\frac{1}{2}$ 165·3543
16.....	2	1·5748	16.... 176..... 176·3779
17.....	$2\frac{1}{8}$	1·6732	17.... 187 $\frac{1}{4}$ 187·4016
18.....	$2\frac{1}{4}$	1·7716	18.... 198 $\frac{1}{2}$ 198·4252
19.....	$2\frac{3}{8}$	1·8701	19.... 209 $\frac{3}{4}$ 209·4488
20.....	$2\frac{1}{2}$	1·9685	20.... 220..... 220·4724
21.....	$2\frac{5}{8}$	2·0669	30.... 330 $\frac{3}{4}$ 330·7087
22.....	$2\frac{3}{4}$	2·1653	40.... 441..... 440·9449
23.....	$2\frac{7}{8}$	2·2638	50.... 551 $\frac{1}{2}$ 551·1811
24.....	3	2·3622	60.... 661..... 661·4173
25.....	$3\frac{1}{8}$	2·4606	70.... 771 $\frac{3}{4}$ 771·6535
26.....	$3\frac{1}{4}$	2·5590	80.... 881 $\frac{1}{2}$ 881·8898
27.....	$3\frac{3}{8}$	2·6575	90.... 992 $\frac{1}{4}$ 992·1260
Qrs.			
1.....	$2\frac{3}{4}$	2·7559	100.... 1102 $\frac{3}{4}$ 1102·3622
2.....	$5\frac{1}{2}$	5·5118	200.... 2204 $\frac{3}{4}$ 2204·7244
3.....	$8\frac{1}{4}$	8·2677	300.... 3307 $\frac{3}{4}$ 3307·0866

Sp. Gr. 1·020.

10·9804 Gallons to 1 Cwt.

219·6078 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{80}$	0·980	1.... 11 10·9804
2.....	$\frac{1}{40}$	·1961	2.... 22 21·9608
3.....	$\frac{1}{27}$	·2941	3.... 33 32·9412
4.....	$\frac{3}{8}$	·3922	4.... $43\frac{7}{8}$ 43·9216
5.....	$\frac{1}{2}$	·4902	5.... $54\frac{7}{8}$ 54·9020
6.....	$\frac{5}{8}$	·5882	6.... $65\frac{7}{8}$ 65·8823
7.....	$\frac{5}{8}$	·6863	7.... $76\frac{7}{8}$ 76·8627
8.....	$\frac{3}{4}$	·7843	8.... $87\frac{7}{8}$ 87·8431
9.....	$\frac{7}{8}$	·8823	9.... $98\frac{7}{8}$ 98·8235
10.....	1.....	·9804	10.... $109\frac{3}{4}$ 109·8039
11.....	$1\frac{1}{8}$	1·0784	11.... $120\frac{3}{4}$ 120·7843
12.....	$1\frac{1}{4}$	1·1765	12.... $131\frac{3}{4}$ 131·7647
13.....	$1\frac{1}{2}$	1·2745	13.... $142\frac{3}{4}$ 142·7451
14.....	$1\frac{3}{8}$	1·3725	14.... $153\frac{3}{4}$ 153·7255
15.....	$1\frac{1}{2}$	1·4706	15.... $164\frac{3}{4}$ 164·7059
16.....	$1\frac{5}{8}$	1·5686	16.... $175\frac{5}{8}$ 175·6863
17.....	$1\frac{5}{8}$	1·6667	17.... $186\frac{5}{8}$ 186·6667
18.....	$1\frac{3}{4}$	1·7647	18.... $197\frac{5}{8}$ 197·6471
19.....	$1\frac{7}{8}$	1·8627	19.... $208\frac{5}{8}$ 208·6274
20.....	2.....	1·9608	20.... $219\frac{5}{8}$ 219·6078
21.....	2.....	2·0588	30.... $329\frac{3}{8}$ 329·4118
22.....	$2\frac{1}{8}$	2·1569	40.... $439\frac{1}{4}$ 439·2157
23.....	$2\frac{1}{4}$	2·2549	50.... 549 549·0196
24.....	$2\frac{3}{8}$	2·3529	60.... $658\frac{7}{8}$ 658·8235
25.....	$2\frac{1}{2}$	2·4510	70.... $768\frac{5}{8}$ 768·6274
26.....	$2\frac{1}{2}$	2·5490	80.... $878\frac{3}{8}$ 878·4314
27.....	$2\frac{5}{8}$	2·6471	90.... $988\frac{1}{4}$ 988·2353
Qrs.			
1.....	$2\frac{3}{4}$	2·7451	100.... 1098 1098·0392
2.....	$5\frac{1}{2}$	5·4902	200.... $2196\frac{1}{8}$ 2196·0784
3.....	$8\frac{1}{4}$	8·2353	300.... $3294\frac{1}{8}$ 3294·1176

Sp. Gr. 1·024.

10·9375 Gallons to 1 Cwt.

218·7500 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$10\frac{1}{8}$
2.....	$\frac{1}{4}$	2....	$21\frac{1}{4}$
3.....	$\frac{1}{2}$	3....	$32\frac{1}{2}$
4.....	$\frac{3}{8}$	4....	$43\frac{3}{8}$
5.....	$\frac{1}{2}$	5....	$54\frac{1}{2}$
6.....	$\frac{5}{8}$	6....	$65\frac{5}{8}$
7.....	$\frac{3}{4}$	7....	$76\frac{3}{4}$
8.....	$\frac{7}{8}$	8....	$87\frac{7}{8}$
9.....	1.....	9....	98.....
10.....	$1\frac{1}{8}$	10....	$109\frac{1}{8}$
11.....	$1\frac{1}{4}$	11....	$120\frac{1}{4}$
12.....	$1\frac{1}{2}$	12....	$131\frac{1}{2}$
13.....	$1\frac{3}{8}$	13....	$142\frac{3}{8}$
14.....	$1\frac{1}{2}$	14....	$153\frac{1}{2}$
15.....	$1\frac{5}{8}$	15....	$164\frac{5}{8}$
16.....	$1\frac{3}{4}$	16....	175.....
17.....	$1\frac{7}{8}$	17....	$185\frac{7}{8}$
18.....	2.....	18....	$196\frac{7}{8}$
19.....	$2\frac{1}{8}$	19....	$207\frac{1}{8}$
20.....	$2\frac{1}{4}$	20....	$218\frac{1}{4}$
21.....	$2\frac{1}{2}$	21....	$228\frac{1}{2}$
22.....	$2\frac{3}{8}$	22....	$239\frac{3}{8}$
23.....	$2\frac{1}{2}$	23....	$250\frac{1}{2}$
24.....	$2\frac{5}{8}$	24....	$261\frac{5}{8}$
25.....	$2\frac{3}{4}$	25....	$272\frac{3}{4}$
26.....	$2\frac{7}{8}$	26....	$283\frac{7}{8}$
27.....	3.....	27....	$294\frac{7}{8}$
28.....	$3\frac{1}{8}$	28....	$305\frac{1}{8}$
29.....	$3\frac{1}{4}$	29....	$316\frac{1}{4}$
30.....	$3\frac{1}{2}$	30....	$327\frac{1}{2}$
31.....	$3\frac{3}{8}$	31....	$338\frac{3}{8}$
32.....	$3\frac{1}{2}$	32....	$349\frac{1}{2}$
33.....	$3\frac{5}{8}$	33....	$360\frac{5}{8}$
34.....	$3\frac{3}{4}$	34....	$371\frac{3}{4}$
35.....	$3\frac{7}{8}$	35....	$382\frac{7}{8}$
36.....	4.....	36....	$393\frac{7}{8}$
37.....	$4\frac{1}{8}$	37....	$404\frac{1}{8}$
38.....	$4\frac{1}{4}$	38....	$415\frac{1}{4}$
39.....	$4\frac{1}{2}$	39....	$426\frac{1}{2}$
40.....	$4\frac{3}{8}$	40....	$437\frac{3}{8}$
41.....	$4\frac{1}{2}$	41....	$448\frac{1}{2}$
42.....	$4\frac{5}{8}$	42....	$459\frac{5}{8}$
43.....	$4\frac{3}{4}$	43....	$470\frac{3}{4}$
44.....	$4\frac{7}{8}$	44....	$481\frac{7}{8}$
45.....	5.....	45....	$492\frac{7}{8}$
46.....	$5\frac{1}{8}$	46....	$503\frac{1}{8}$
47.....	$5\frac{1}{4}$	47....	$514\frac{1}{4}$
48.....	$5\frac{1}{2}$	48....	$525\frac{1}{2}$
49.....	$5\frac{3}{8}$	49....	$536\frac{3}{8}$
50.....	$5\frac{1}{2}$	50....	$547\frac{1}{2}$
51.....	$5\frac{5}{8}$	51....	$558\frac{5}{8}$
52.....	$5\frac{3}{4}$	52....	$569\frac{3}{4}$
53.....	$5\frac{7}{8}$	53....	$580\frac{7}{8}$
54.....	6.....	54....	$591\frac{7}{8}$
55.....	$6\frac{1}{8}$	55....	$602\frac{1}{8}$
56.....	$6\frac{1}{4}$	56....	$613\frac{1}{4}$
57.....	$6\frac{1}{2}$	57....	$624\frac{1}{2}$
58.....	$6\frac{3}{8}$	58....	$635\frac{3}{8}$
59.....	$6\frac{1}{2}$	59....	$646\frac{1}{2}$
60.....	$6\frac{5}{8}$	60....	$657\frac{5}{8}$
61.....	$6\frac{3}{4}$	61....	$668\frac{3}{4}$
62.....	$6\frac{7}{8}$	62....	$679\frac{7}{8}$
63.....	7.....	63....	$690\frac{7}{8}$
64.....	$7\frac{1}{8}$	64....	$701\frac{1}{8}$
65.....	$7\frac{1}{4}$	65....	$712\frac{1}{4}$
66.....	$7\frac{1}{2}$	66....	$723\frac{1}{2}$
67.....	$7\frac{3}{8}$	67....	$734\frac{3}{8}$
68.....	$7\frac{1}{2}$	68....	$745\frac{1}{2}$
69.....	$7\frac{5}{8}$	69....	$756\frac{5}{8}$
70.....	$7\frac{3}{4}$	70....	$767\frac{3}{4}$
71.....	$7\frac{7}{8}$	71....	$778\frac{7}{8}$
72.....	8.....	72....	$789\frac{7}{8}$
73.....	$8\frac{1}{8}$	73....	$800\frac{1}{8}$
74.....	$8\frac{1}{4}$	74....	$811\frac{1}{4}$
75.....	$8\frac{1}{2}$	75....	$822\frac{1}{2}$
76.....	$8\frac{3}{8}$	76....	$833\frac{3}{8}$
77.....	$8\frac{1}{2}$	77....	$844\frac{1}{2}$
78.....	$8\frac{5}{8}$	78....	$855\frac{5}{8}$
79.....	$8\frac{3}{4}$	79....	$866\frac{3}{4}$
80.....	$8\frac{7}{8}$	80....	$877\frac{7}{8}$
81.....	9.....	81....	$888\frac{7}{8}$
82.....	$9\frac{1}{8}$	82....	$899\frac{1}{8}$
83.....	$9\frac{1}{4}$	83....	$910\frac{1}{4}$
84.....	$9\frac{1}{2}$	84....	$921\frac{1}{2}$
85.....	$9\frac{3}{8}$	85....	$932\frac{3}{8}$
86.....	$9\frac{1}{2}$	86....	$943\frac{1}{2}$
87.....	$9\frac{5}{8}$	87....	$954\frac{5}{8}$
88.....	$9\frac{3}{4}$	88....	$965\frac{3}{4}$
89.....	$9\frac{7}{8}$	89....	$976\frac{7}{8}$
90.....	10.....	90....	$987\frac{7}{8}$
91.....	$10\frac{1}{8}$	91....	$998\frac{1}{8}$
92.....	$10\frac{1}{4}$	92....	$1009\frac{1}{4}$
93.....	$10\frac{1}{2}$	93....	$1020\frac{1}{2}$
94.....	$10\frac{3}{8}$	94....	$1031\frac{3}{8}$
95.....	$10\frac{1}{2}$	95....	$1042\frac{1}{2}$
96.....	$10\frac{5}{8}$	96....	$1053\frac{5}{8}$
97.....	$10\frac{3}{4}$	97....	$1064\frac{3}{4}$
98.....	$10\frac{7}{8}$	98....	$1075\frac{7}{8}$
99.....	11.....	99....	$1086\frac{7}{8}$
100.....	$11\frac{1}{8}$	100....	$1097\frac{1}{8}$
101.....	$11\frac{1}{4}$	101....	$1108\frac{1}{4}$
102.....	$11\frac{1}{2}$	102....	$1119\frac{1}{2}$
103.....	$11\frac{3}{8}$	103....	$1130\frac{3}{8}$
104.....	$11\frac{1}{2}$	104....	$1141\frac{1}{2}$
105.....	$11\frac{5}{8}$	105....	$1152\frac{5}{8}$
106.....	$11\frac{3}{4}$	106....	$1163\frac{3}{4}$
107.....	$11\frac{7}{8}$	107....	$1174\frac{7}{8}$
108.....	12.....	108....	$1185\frac{7}{8}$
109.....	$12\frac{1}{8}$	109....	$1196\frac{1}{8}$
110.....	$12\frac{1}{4}$	110....	$1207\frac{1}{4}$
111.....	$12\frac{1}{2}$	111....	$1218\frac{1}{2}$
112.....	$12\frac{3}{8}$	112....	$1229\frac{3}{8}$
113.....	$12\frac{1}{2}$	113....	$1240\frac{1}{2}$
114.....	$12\frac{5}{8}$	114....	$1251\frac{5}{8}$
115.....	$12\frac{3}{4}$	115....	$1262\frac{3}{4}$
116.....	$12\frac{7}{8}$	116....	$1273\frac{7}{8}$
117.....	13.....	117....	$1284\frac{7}{8}$
118.....	$13\frac{1}{8}$	118....	$1295\frac{1}{8}$
119.....	$13\frac{1}{4}$	119....	$1306\frac{1}{4}$
120.....	$13\frac{1}{2}$	120....	$1317\frac{1}{2}$
121.....	$13\frac{3}{8}$	121....	$1328\frac{3}{8}$
122.....	$13\frac{1}{2}$	122....	$1339\frac{1}{2}$
123.....	$13\frac{5}{8}$	123....	$1350\frac{5}{8}$
124.....	$13\frac{3}{4}$	124....	$1361\frac{3}{4}$
125.....	$13\frac{7}{8}$	125....	$1372\frac{7}{8}$
126.....	14.....	126....	$1383\frac{7}{8}$
127.....	$14\frac{1}{8}$	127....	$1394\frac{1}{8}$
128.....	$14\frac{1}{4}$	128....	$1405\frac{1}{4}$
129.....	$14\frac{1}{2}$	129....	$1416\frac{1}{2}$
130.....	$14\frac{3}{8}$	130....	$1427\frac{3}{8}$
131.....	$14\frac{1}{2}$	131....	$1438\frac{1}{2}$
132.....	$14\frac{5}{8}$	132....	$1449\frac{5}{8}$
133.....	$14\frac{3}{4}$	133....	$1460\frac{3}{4}$
134.....	$14\frac{7}{8}$	134....	$1471\frac{7}{8}$
135.....	15.....	135....	$1482\frac{7}{8}$
136.....	$15\frac{1}{8}$	136....	$1493\frac{1}{8}$
137.....	$15\frac{1}{4}$	137....	$1504\frac{1}{4}$
138.....	$15\frac{1}{2}$	138....	$1515\frac{1}{2}$
139.....	$15\frac{3}{8}$	139....	$1526\frac{3}{8}$
140.....	$15\frac{1}{2}$	140....	$1537\frac{1}{2}$
141.....	$15\frac{5}{8}$	141....	$1548\frac{5}{8}$
142.....	$15\frac{3}{4}$	142....	$1559\frac{3}{4}$
143.....	$15\frac{7}{8}$	143....	$1570\frac{7}{8}$
144.....	16.....	144....	$1581\frac{7}{8}$
145.....	$16\frac{1}{8}$	145....	$1592\frac{1}{8}$
146.....	$16\frac{1}{4}$	146....	$1603\frac{1}{4}$
147.....	$16\frac{1}{2}$	147....	$1614\frac{1}{2}$
148.....	$16\frac{3}{8}$	148....	$1625\frac{3}{8}$
149.....	$16\frac{1}{2}$	149....	$1636\frac{1}{2}$
150.....	$16\frac{5}{8}$	150....	$1647\frac{5}{8}$
151.....	$16\frac{3}{4}$	151....	$1658\frac{3}{4}$
152.....	$16\frac{7}{8}$	152....	$1669\frac{7}{8}$
153.....	17.....	153....	$1680\frac{7}{8}$
154.....	$17\frac{1}{8}$	154....	$1691\frac{1}{8}$
155.....	$17\frac{1}{4}$	155....	$1702\frac{1}{4}$
156.....	$17\frac{1}{2}$	156....	$1713\frac{1}{2}$
157.....	$17\frac{3}{8}$	157....	$1724\frac{3}{8}$
158.....	$17\frac{1}{2}$	158....	$1735\frac{1}{2}$
159.....	$17\frac{5}{8}$	159....	$1746\frac{5}{8}$
160.....	$17\frac{3}{4}$	160....	$1757\frac{3}{4}$
161.....	$17\frac{7}{8}$	161....	$1768\frac{7}{8}$
162.....	18.....	162....	$1779\frac{7}{8}$
163.....	$18\frac{1}{8}$	163....	$1790\frac{1}{8}$
164.....	$18\frac{1}{4}$	164....	$1801\frac{1}{4}$
165.....	$18\frac{1}{2}$	165....	$1812\frac{1}{2}$
166.....	$18\frac{3}{8}$	166....	$1823\frac{3}{8}$
167.....	$18\frac{1}{2}$	167....	$1834\frac{1}{2}$
168.....	$18\frac{5}{8}$	168....	$1845\frac{5}{8}$
169.....	$18\frac{3}{4}$	169....	$1856\frac{3}{4}$
170.....	$18\frac{7}{8}$	170....	$1867\frac{7}{8}$
171.....	19.....	171....	$1878\frac{7}{8}$
172.....	$19\frac{1}{8}$	172....	$1889\frac{1}{8}$
173.....	$19\frac{1}{4}$	173....	$1900\frac{1}{4}$
174.....	$19\frac{1}{2}$	174....	$1911\frac{1}{2}$
175.....	$19\frac{3}{8}$	175....	$1922\frac{3}{8}$
176.....	$19\frac{1}{2}$	176....	$1933\frac{1}{2}$
177.....	$19\frac{5}{8}$	177....	$1944\frac{5}{8}$
178.....	$19\frac{3}{4}$	178....	$1955\frac{3}{4}$
179.....	$19\frac{7}{8}$	179....	$1966\frac{7}{8}$
180.....	20.....	180....	$1977\frac{7}{8}$
181.....	$20\frac{1}{8}$	181....	$1988\frac{1}{8}$
182.....	$20\frac{1}{4}$	182....	$1999\frac{1}{4}$
183.....	$20\frac{1}{2}$	183....	$2010\frac{1}{2}$
184.....	$20\frac{3}{8}$	184....	$2021\frac{3}{8}$
185.....	$20\frac{1}{2}$	185....	$2032\frac{1}{2}$
186.....	$20\frac{5}{8}$	186....	$2043\frac{5}{8}$
187.....	$20\frac{3}{4}$	187....	$2054\frac{3}{4}$
188.....	$20\frac{7}{8}$	188....	$2065\frac{7}{8}$
189.....	21.....	189....	$2076\frac{7}{8}$
190.....	$21\frac{1}{8}$	190....	$2087\frac{1}{8}$
191.....	$21\frac{1}{4}$	191....	$2098\frac{1}{4}$
192.....	$21\frac{1}{2}$	192....	$2109\frac{1}{2}$
193.....	$21\frac{3}{8}$	193....	$2120\frac{3}{8}$
194.....	$21\frac{1}{2}$	194....	$2131\frac{1}{2}$
195.....	$21\frac{5}{8}$	195....	$2142\frac{5}{8}$
196.....	$21\frac{3}{4}$	196....	$2153\frac{3}{4}$
197.....	$21\frac{7}{8}$	197....	$2164\frac{7}{8}$
198.....	22.....	198....	$2175\frac{7}{8}$
199.....	$22\frac{1}{8}$	199....	$2186\frac{1}{8}$
200.....	$22\frac{1}{4}$	200....	$2197\frac{1}{4}$
2			

Sp. Gr. 1·028.

10·8949 Gallons to 1 Cwt.

217·8988 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.		
1.....	$\frac{1}{8}$	·0973	1....	$10\frac{7}{8}$	10·8949
2.....	$\frac{1}{4}$	·1915	2....	$21\frac{3}{4}$	21·7899
3.....	$\frac{3}{8}$	·2918	3....	$32\frac{5}{8}$	32·6·48
4.....	$\frac{1}{2}$	·3891	4....	$43\frac{5}{8}$	43·5798
5.....	$\frac{5}{8}$	·4864	5....	$54\frac{1}{2}$	54·4717
6.....	$\frac{3}{4}$	·5837	6....	$65\frac{3}{8}$	65·3696
7.....	$\frac{7}{8}$	·6809	7....	$76\frac{1}{4}$	76·2646
8.....	1.....	·7782	8....	$87\frac{1}{8}$	87·1595
9.....	$1\frac{1}{8}$	·8755	9....	98.....	98·0545
10.....	$1\frac{1}{4}$	·9728	10....	109.....	108·9494
11.....	$1\frac{1}{2}$	1·0700	11....	$119\frac{7}{8}$	119·8441
12.....	$1\frac{3}{4}$	1·1673	12....	$130\frac{3}{4}$	130·7393
13.....	$1\frac{7}{8}$	1·2646	13....	$141\frac{5}{8}$	141·6342
14.....	$1\frac{1}{2}$	1·3619	14....	$152\frac{1}{2}$	152·5292
15.....	$1\frac{5}{8}$	1·4591	15....	$163\frac{3}{8}$	163·4241
16.....	$1\frac{1}{2}$	1·5564	16....	$174\frac{3}{8}$	174·3191
17.....	$1\frac{3}{4}$	1·6537	17....	$185\frac{1}{4}$	185·2140
18.....	$1\frac{7}{8}$	1·7510	18....	$196\frac{1}{8}$	196·1089
19.....	$1\frac{1}{2}$	1·8482	19....	207.....	207·0039
20.....	2.....	1·9455	20....	$217\frac{7}{8}$	217·8988
21.....	$2\frac{1}{8}$	2·0428	30....	$326\frac{7}{8}$	326·8482
22.....	$2\frac{1}{4}$	2·1401	40....	$435\frac{3}{4}$	435·7977
23.....	$2\frac{3}{8}$	2·2373	50....	$544\frac{3}{4}$	544·7471
24.....	$2\frac{1}{2}$	2·3346	60....	$653\frac{3}{4}$	653·6965
25.....	$2\frac{5}{8}$	2·4319	70....	$762\frac{5}{8}$	762·6459
26.....	$2\frac{3}{4}$	2·5292	80....	$871\frac{5}{8}$	871·5953
27.....	$2\frac{7}{8}$	2·6265	90....	$980\frac{1}{2}$	980·5447
Qrs.					
1.....	$2\frac{3}{4}$	2·7237	100....	$1089\frac{1}{2}$	1089·4942
2.....	$5\frac{1}{2}$	5·4475	200....	2179.....	2178·9883
3.....	$8\frac{1}{8}$	8·1712	300....	$3268\frac{1}{2}$	3268·4825

Sp. Gr. 1·032.

10·8527 Gallons to 1 Cwt.

217·0543 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1 ..	$10\frac{7}{8}$ 10·8527
2.....	$\frac{1}{4}$	2....	$21\frac{3}{4}$ 21·7054
3.....	$\frac{1}{2}$	3....	$32\frac{1}{2}$ 32·5581
4.....	$\frac{3}{8}$	4....	$43\frac{3}{8}$ 43·4108
5.....	$\frac{1}{2}$	5....	$54\frac{1}{2}$ 54·2636
6.....	$\frac{5}{8}$	6....	$65\frac{1}{8}$ 65·1163
7.....	$\frac{5}{8}$	7....	76 75·9690
8.....	$\frac{3}{4}$	8....	$86\frac{7}{8}$ 86·8217
9.....	$\frac{7}{8}$	9. .	$97\frac{5}{8}$ 97·6744
10.....	1	10....	$108\frac{1}{2}$ 108·5271
11.....	$1\frac{1}{8}$	11....	$119\frac{3}{8}$ 119·3798
12.....	$1\frac{1}{8}$	12....	$130\frac{1}{4}$ 130·2326
13.....	$1\frac{1}{4}$	13....	$141\frac{1}{8}$ 141·0853
14.....	$1\frac{3}{8}$	14....	152 151·9380
15.....	$1\frac{1}{2}$	15....	$162\frac{3}{4}$ 162·7907
16.....	$1\frac{1}{2}$	16....	$173\frac{5}{8}$ 173·6434
17.....	$1\frac{5}{8}$	17....	$184\frac{1}{2}$ 184·4961
18.....	$1\frac{3}{4}$	18....	$195\frac{3}{8}$ 195·3488
19.....	$1\frac{7}{8}$	19....	$206\frac{1}{4}$ 206·2015
20.....	2	20....	217 217·0543
21.....	2	30....	$325\frac{5}{8}$ 325·5814
22.....	$2\frac{1}{8}$	40....	$434\frac{1}{8}$ 434·1085
23.....	$2\frac{1}{4}$	50....	$542\frac{5}{8}$ 542·6357
24.....	$2\frac{3}{8}$	60....	$651\frac{1}{8}$ 651·1628
25.....	$2\frac{3}{8}$	70....	$759\frac{3}{4}$ 759·6899
26.....	$2\frac{1}{2}$	80....	$868\frac{1}{4}$ 868·2170
27.....	$2\frac{5}{8}$	90....	$976\frac{3}{4}$ 976·7442
Qrs.		100....	$1085\frac{1}{4}$ 1085·2713
1.....	$2\frac{3}{4}$	200....	$2170\frac{1}{2}$ 2170·5426
2.....	$5\frac{3}{8}$	300....	$3255\frac{7}{8}$ 3255·8139
3.....	$8\frac{1}{8}$		

Sp. Gr. 1·036.

10·8108 Gallons to 1 Cwt.

216·2162 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.		
1.....	$\frac{1}{8}$	·0965	1....	$10\frac{3}{4}$	10·8108
2.....	$\frac{1}{4}$	·1930	2....	$21\frac{5}{8}$	21·6216
3.....	$\frac{1}{4}$	·2895	3....	$32\frac{3}{8}$	32·4324
4.....	$\frac{3}{8}$	·3861	4....	$43\frac{1}{4}$	43·2432
5.....	$\frac{1}{2}$	·4826	5....	54.....	54·0540
6.....	$\frac{5}{8}$	·5791	6....	$64\frac{7}{8}$	64·8649
7.....	$\frac{5}{8}$	·6757	7....	$75\frac{3}{8}$	75·6757
8.....	$\frac{3}{4}$	·7722	8....	$86\frac{1}{2}$	86·4865
9.....	$\frac{7}{8}$	·8687	9....	$97\frac{1}{4}$	97·2973
10.....	1.....	·9652	10....	$108\frac{1}{8}$	108·1081
11.....	1.....	1·0618	11....	$118\frac{7}{8}$	118·9189
12.....	$1\frac{1}{8}$	1·1583	12....	$129\frac{3}{4}$	129·7297
13.....	$1\frac{1}{4}$	1·2548	13....	$140\frac{1}{2}$	140·5405
14.....	$1\frac{3}{8}$	1·3513	14....	$151\frac{3}{8}$	151·3513
15.....	$1\frac{1}{2}$	1·4479	15....	$162\frac{1}{8}$	162·1622
16.....	$1\frac{1}{2}$	1·5444	16....	173.....	172·9730
17.....	$1\frac{5}{8}$	1·6409	17....	$183\frac{3}{4}$	183·7838
18.....	$1\frac{3}{4}$	1·7374	18....	$194\frac{5}{8}$	194·5946
19.....	$1\frac{7}{8}$	1·8340	19....	$205\frac{3}{8}$	205·4054
20.....	$1\frac{7}{8}$	1·9305	20....	$216\frac{1}{4}$	216·2162
21.....	2.....	2·0270	30....	$324\frac{3}{8}$	324·3243
22.....	$2\frac{1}{8}$	2·1235	40....	$432\frac{3}{8}$	432·4324
23.....	$2\frac{1}{4}$	2·2201	50....	$540\frac{1}{2}$	540·5405
24.....	$2\frac{3}{8}$	2·3166	60....	$64\frac{5}{8}$	648·6486
25.....	$2\frac{3}{8}$	2·4131	70....	$756\frac{3}{4}$	756·7568
26.....	$2\frac{1}{2}$	2·5096	80....	$864\frac{7}{8}$	864·8649
27.....	$2\frac{5}{8}$	2·6062	90....	973.....	972·9730
Qrs.					
1.....	$2\frac{3}{4}$	2·7027	100....	$1081\frac{1}{8}$	1081·0811
2.....	$5\frac{3}{8}$	5·4054	200....	$2162\frac{1}{8}$	2162·1622
3.....	$8\frac{1}{8}$	8·1081	300....	$3243\frac{1}{4}$	3243·2432

OIL TRADE CALCULATOR

161

Sp. Gr. 1·040.

10·7692 Gallons to 1 Cwt.

215·3846 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1..... $\frac{1}{8}$	·0961	1.... $10\frac{3}{4}$	10 7692
2..... $\frac{1}{4}$	·1923	2.... $21\frac{1}{2}$	21·5385
3..... $\frac{1}{2}$	·2885	3.... $32\frac{1}{4}$	32·3077
4..... $\frac{3}{8}$	·3846	4.... $43\frac{1}{8}$	43·0763
5..... $\frac{1}{2}$	·4808	5.... $53\frac{7}{8}$	53·8461
6..... $\frac{5}{8}$	·5769	6.... $64\frac{5}{8}$	64·6154
7..... $\frac{5}{8}$	·6731	7.... $75\frac{3}{8}$	75·3846
8..... $\frac{3}{4}$	·7692	8.... $86\frac{1}{8}$	86·1538
9..... $\frac{7}{8}$	·8651	9.... $96\frac{7}{8}$	96·9231
10.....1.....	·9615	10.... $107\frac{3}{4}$	107·6923
11.....1.....	1·0577	11.... $118\frac{1}{2}$	118·4615
12..... $1\frac{1}{8}$	1·1538	12.... $129\frac{1}{4}$	129·2308
13..... $1\frac{1}{4}$	1·2500	13....110.....	140·0000
14..... $1\frac{3}{8}$	1·3461	14.... $150\frac{3}{4}$	150·7692
15..... $1\frac{1}{2}$	1·4423	15.... $161\frac{1}{2}$	161·5385
16..... $1\frac{1}{2}$	1·5385	16.... $172\frac{1}{4}$	172·3077
17..... $1\frac{5}{8}$	1·6346	17.... $183\frac{1}{8}$	183·0769
18..... $1\frac{3}{4}$	1·7308	18.... $193\frac{7}{8}$	193·8461
19..... $1\frac{7}{8}$	1·8269	19.... $201\frac{5}{8}$	201·6154
20..... $1\frac{7}{8}$	1·9231	20.... $215\frac{3}{8}$	215·3846
21.....2.....	2·0192	30.... $323\frac{1}{8}$	323·0769
22..... $2\frac{1}{8}$	2·1154	40.... $430\frac{3}{4}$	430·7692
23..... $2\frac{1}{4}$	2·2115	50.... $538\frac{1}{2}$	538·4615
24..... $2\frac{1}{4}$	2·3077	60.... $646\frac{1}{8}$	646·1538
25..... $2\frac{3}{8}$	2·4038	70.... $753\frac{7}{8}$	753·8461
26..... $2\frac{1}{2}$	2·5000	80.... $861\frac{1}{2}$	861·5385
27..... $2\frac{5}{8}$	2·5961	90.... $969\frac{1}{4}$	969·2308
Qrs.			
1..... $2\frac{3}{4}$	2·6923	100.... $1076\frac{7}{8}$	1076·9231
2..... $5\frac{3}{8}$	5·3846	200.... $2153\frac{7}{8}$	2153·8461
3..... $8\frac{1}{8}$	8·0769	300.... $3230\frac{1}{4}$	3230·7692

Sp. Gr. 1·014.

10·7280 Gallons to 1 Cwt.

214·5594 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1..... $\frac{1}{8}$	·0958	1.... $10\frac{3}{4}$	10·7280
2..... $\frac{1}{4}$	·1916	2.... $21\frac{1}{2}$	21·4559
3..... $\frac{1}{2}$	·2874	3.... $32\frac{1}{4}$	32·1839
4..... $\frac{3}{8}$	·3831	4.... $42\frac{7}{8}$	42·9119
5..... $\frac{1}{2}$	·4789	5.... $53\frac{5}{8}$	53·6398
6..... $\frac{5}{8}$	·5747	6.... $64\frac{3}{8}$	64·3678
7..... $\frac{5}{8}$	·6705	7.... $75\frac{1}{8}$	75·0958
8..... $\frac{3}{4}$	·7663	8.... $85\frac{7}{8}$	85·8237
9..... $\frac{7}{8}$	·8621	9.... $96\frac{1}{2}$	96·5517
10.....1.....	·9578	10.... $107\frac{1}{4}$	107·2797
11.....1.....	1·0536	11....118....	118·0077
12..... $1\frac{1}{8}$	1·1494	12.... $128\frac{3}{4}$	128·7356
13..... $1\frac{1}{4}$	1·2452	13.... $139\frac{1}{2}$	139·4636
14..... $1\frac{3}{8}$	1·3410	14.... $150\frac{1}{4}$	150·1916
15..... $1\frac{3}{8}$	1·4368	15.... $160\frac{7}{8}$	160·9195
16..... $1\frac{1}{2}$	1·5326	16.... $171\frac{5}{8}$	171·6475
17..... $1\frac{5}{8}$	1·6283	17.... $182\frac{3}{8}$	182·3755
18..... $1\frac{3}{4}$	1·7241	18.... $193\frac{1}{8}$	193·1034
19..... $1\frac{7}{8}$	1·8199	19.... $203\frac{7}{8}$	203·8314
20..... $1\frac{7}{8}$	1·9157	20.... $214\frac{1}{2}$	214·5594
21.....2.....	2·0115	30.... $321\frac{7}{8}$	321·8391
22..... $2\frac{1}{8}$	2·1073	40.... $429\frac{1}{8}$	429·1188
23..... $2\frac{1}{4}$	2·2031	50.... $536\frac{3}{8}$	536·3985
24..... $2\frac{1}{4}$	2·2988	60.... $643\frac{5}{8}$	643·6782
25..... $2\frac{3}{8}$	2·3946	70....751....	750·9578
26..... $2\frac{1}{2}$	2·4904	80.... $858\frac{1}{4}$	858·2375
27..... $2\frac{5}{8}$	2·5862	90.... $965\frac{3}{8}$	965·5172
Qrs.		100.... $1072\frac{3}{4}$	1072·7969
1..... $2\frac{5}{8}$	2·6820	200.... $2145\frac{5}{8}$	2145·5939
2..... $5\frac{3}{8}$	5·3640	300.... $3218\frac{3}{8}$	3218·3908
3.....8.....	8·0460		

Sp. Gr. 1·048.

10·6870 Gallons to 1 Cwt.

213·7405 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.	
1.....	$\frac{1}{8}$	·0954	1.... $10\frac{5}{8}$	10·6870
2.....	$\frac{1}{4}$	·1908	2.... $21\frac{3}{8}$	21·3740
3.....	$\frac{1}{2}$	·2863	3.... 32	32·0611
4.....	$\frac{3}{8}$	·3817	4.... $42\frac{3}{4}$	42·7481
5.....	$\frac{1}{2}$	·4771	5.... $53\frac{3}{8}$	53·4351
6.....	$\frac{5}{8}$	·5725	6.... $64\frac{1}{8}$	64·1221
7.....	$\frac{5}{8}$	·6679	7.... $74\frac{3}{4}$	74·8092
8.....	$\frac{3}{4}$	·7634	8.... $85\frac{1}{2}$	85·4962
9.....	$\frac{7}{8}$	·8588	9.... $96\frac{1}{8}$	96·1832
10.....	1	·9542	10.... $106\frac{7}{8}$	106·8702
11.....	1	1·0496	11.... $117\frac{1}{2}$	117·5572
12.....	$1\frac{1}{8}$	1·1450	12.... $128\frac{1}{4}$	128·2443
13.....	$1\frac{1}{4}$	1·2405	13.... $138\frac{7}{8}$	138·9313
14.....	$1\frac{3}{8}$	1·3359	14.... $149\frac{5}{8}$	149·6183
15.....	$1\frac{3}{4}$	1·4313	15.... $160\frac{1}{4}$	160·3053
16.....	$1\frac{1}{2}$	1·5267	16.... 171	170·9924
17.....	$1\frac{5}{8}$	1·6221	17.... $181\frac{5}{8}$	181·6794
18.....	$1\frac{3}{4}$	1·7176	18.... $192\frac{3}{8}$	192·3664
19.....	$1\frac{7}{8}$	1·8130	19.... 203	203·0534
20.....	$1\frac{7}{8}$	1·9084	20.... $213\frac{3}{4}$	213·7405
21.....	2	2·0038	30.... $320\frac{5}{8}$	320·6107
22.....	$2\frac{1}{8}$	2·0992	40.... $427\frac{1}{2}$	427·4809
23.....	$2\frac{1}{4}$	2·1947	50.... $534\frac{3}{8}$	534·3511
24.....	$2\frac{1}{4}$	2·2901	60.... $641\frac{1}{4}$	641·2214
25.....	$2\frac{3}{8}$	2·3855	70 ... $748\frac{1}{8}$	748·0916
26.....	$2\frac{1}{2}$	2·4809	80.... 855	854·9618
27.....	$2\frac{5}{8}$	2·5763	90.... $961\frac{7}{8}$	961·8321
Qrs.				
1.....	$2\frac{5}{8}$	2·6718	100.... $1068\frac{3}{4}$	1068·7023
2.....	$5\frac{3}{8}$	5·3435	200.... $2137\frac{3}{8}$	2137·4046
3.....	8	8·0153	300.... $3206\frac{1}{8}$	3206·1069

Sp. Gr. 1.052.

10.6464 Gallons to 1 Cwt.

212.9278 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$10\frac{5}{8}$
2.....	$\frac{1}{4}$	2....	$21\frac{1}{4}$
3.....	$\frac{3}{8}$	3....	32
4.....	$\frac{1}{2}$	4....	$42\frac{5}{8}$
5.....	$\frac{5}{8}$	5....	$53\frac{1}{8}$
6.....	$\frac{3}{4}$	6....	$63\frac{7}{8}$
7.....	$\frac{7}{8}$	7....	$74\frac{1}{2}$
8.....	1.....	8....	$85\frac{1}{8}$
9.....	$1\frac{1}{8}$	9....	$95\frac{3}{8}$
10.....	$1\frac{1}{4}$	10....	$106\frac{1}{2}$
11.....	$1\frac{1}{2}$	11....	$117\frac{1}{8}$
12.....	$1\frac{3}{4}$	12....	$127\frac{3}{4}$
13.....	$1\frac{7}{8}$	13....	$138\frac{3}{8}$
14.....	$1\frac{1}{2}$	14....	149
15.....	$1\frac{5}{8}$	15....	$159\frac{3}{4}$
16.....	$1\frac{3}{4}$	16....	$170\frac{3}{8}$
17.....	$1\frac{7}{8}$	17....	181
18.....	$1\frac{1}{2}$	18....	$191\frac{5}{8}$
19.....	$1\frac{3}{4}$	19....	$202\frac{1}{4}$
20.....	$1\frac{7}{8}$	20....	$212\frac{7}{8}$
21.....	2.....	30....	$319\frac{3}{8}$
22.....	$2\frac{1}{8}$	40....	$425\frac{7}{8}$
23.....	$2\frac{1}{4}$	50....	$532\frac{3}{8}$
24.....	$2\frac{3}{8}$	60....	$638\frac{3}{4}$
25.....	$2\frac{1}{2}$	70....	$745\frac{1}{4}$
26.....	$2\frac{5}{8}$	80....	$851\frac{3}{4}$
27.....	$2\frac{3}{4}$	90....	$958\frac{1}{8}$
Qrs.			
1.....	$2\frac{5}{8}$	100....	$1064\frac{5}{8}$
2.....	$5\frac{3}{8}$	200....	$2129\frac{1}{4}$
3.....	8.....	300....	$3193\frac{3}{8}$

Sp. Gr. 1·056.

10·6061 Gallons to 1 Cwt.

212·1212 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$10\frac{5}{8}$ 10·6061
2.....	$\frac{1}{4}$	2....	$21\frac{1}{4}$ 21·2121
3.....	$\frac{1}{4}$	3....	$31\frac{7}{8}$ 31·8182
4.....	$\frac{3}{8}$	4....	$42\frac{3}{8}$ 42·4242
5.....	$\frac{1}{2}$	5....	53 53·0303
6.....	$\frac{5}{8}$	6....	$63\frac{5}{8}$ 63·6364
7.....	$\frac{5}{8}$	7....	$74\frac{1}{4}$ 74·2424
8.....	$\frac{3}{4}$	8....	$84\frac{7}{8}$ 84·8485
9.....	$\frac{7}{8}$	9....	$95\frac{1}{2}$ 95·4545
10.....	1	10....	106 106·0606
11.....	1	11....	$116\frac{5}{8}$ 116·6667
12.....	$1\frac{1}{8}$	12....	$127\frac{1}{4}$ 127·2727
13.....	$1\frac{1}{8}$	13....	$137\frac{7}{8}$ 137·8788
14.....	$1\frac{3}{8}$	14....	$148\frac{1}{2}$ 148·4848
15.....	$1\frac{3}{8}$	15....	$159\frac{1}{8}$ 159·0909
16.....	$1\frac{1}{2}$	16....	$169\frac{3}{4}$ 169·6970
17.....	$1\frac{5}{8}$	17....	$180\frac{1}{4}$ 180·3030
18.....	$1\frac{3}{4}$	18....	$190\frac{7}{8}$ 190·9091
19.....	$1\frac{3}{4}$	19....	$201\frac{1}{2}$ 201·5151
20.....	$1\frac{7}{8}$	20....	$212\frac{3}{8}$ 212·1212
21.....	2	30....	$318\frac{1}{8}$ 318·1818
22.....	$2\frac{1}{8}$	40....	$424\frac{1}{4}$ 424·2424
23.....	$2\frac{1}{8}$	50....	$530\frac{1}{4}$ 530·3030
24.....	$2\frac{1}{4}$	60....	$636\frac{3}{8}$ 636·3636
25.....	$2\frac{3}{8}$	70 ...	$742\frac{3}{8}$ 742·4242
26.....	$2\frac{1}{2}$	80....	$848\frac{1}{2}$ 848·4848
27.....	$2\frac{1}{2}$	90....	$954\frac{1}{2}$ 954·5454
Qrs.			
1.....	$2\frac{5}{8}$	100....	$1060\frac{5}{8}$ 1060·6061
2.....	$5\frac{1}{4}$	200....	$2121\frac{1}{4}$ 2121·2121
3.....	8	300....	$3181\frac{7}{8}$ 3181·8182

Sp. Gr. 1·060.

10·5660 Gallons to 1 Cwt.

211·3207 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1..... $\frac{1}{8}$	·0943	1.... $10\frac{5}{8}$	10·5660
2..... $\frac{1}{4}$	·1887	2.... $21\frac{1}{8}$	21·1321
3..... $\frac{1}{2}$	·2830	3.... $31\frac{3}{8}$	31·6981
4..... $\frac{3}{4}$	·3774	4.... $42\frac{1}{8}$	42·2641
5..... $1\frac{1}{8}$	·4717	5.... $52\frac{3}{8}$	52·8302
6..... $1\frac{1}{4}$	·5660	6.... $63\frac{1}{8}$	63·3962
7..... $1\frac{1}{2}$	·6604	7.... $74\frac{3}{8}$	73·9623
8..... $1\frac{3}{4}$	·7547	8.... $84\frac{5}{8}$	84·5283
9..... $2\frac{1}{8}$	·8491	9.... $95\frac{1}{8}$	95·0943
10..... $2\frac{1}{4}$	·9434	10.... $105\frac{3}{8}$	105·6604
11..... $2\frac{1}{2}$	1·0377	11.... $116\frac{1}{8}$	116·2264
12..... $2\frac{3}{4}$	1·1321	12.... $126\frac{3}{8}$	126·7924
13..... $3\frac{1}{8}$	1·2264	13.... $137\frac{1}{8}$	137·3585
14..... $3\frac{1}{4}$	1·3207	14.... $147\frac{3}{8}$	147·9245
15..... $3\frac{1}{2}$	1·4151	15.... $158\frac{1}{8}$	158·4906
16..... $3\frac{3}{4}$	1·5094	16.... $169\frac{3}{8}$	169·0566
17..... $4\frac{1}{8}$	1·6038	17.... $179\frac{5}{8}$	179·6226
18..... $4\frac{1}{4}$	1·6981	18.... $190\frac{1}{8}$	190·1887
19..... $4\frac{1}{2}$	1·7924	19.... $200\frac{3}{8}$	200·7547
20..... $4\frac{3}{4}$	1·8868	20.... $211\frac{1}{8}$	211·3207
21..... $5\frac{1}{8}$	1·9811	30.... $317\frac{3}{8}$	316·9811
22..... $5\frac{1}{4}$	2·0755	40.... $422\frac{1}{8}$	422·6415
23..... $5\frac{1}{2}$	2·1698	50.... $528\frac{3}{8}$	528·3019
24..... $5\frac{3}{4}$	2·2641	60.... $634\frac{1}{8}$	633·9623
25..... $6\frac{1}{8}$	2·3585	70.... $739\frac{3}{8}$	739·6226
26..... $6\frac{1}{4}$	2·4528	80.... $845\frac{1}{8}$	845·2830
27..... $6\frac{1}{2}$	2·5472	90.... $951\frac{3}{8}$	950·9434
Qrs.		100.... $1056\frac{5}{8}$	1056·6038
1..... $2\frac{5}{8}$	2·6415	200.... $2113\frac{1}{4}$	2113·2075
2..... $5\frac{1}{4}$	5·2830	300.... $3169\frac{3}{4}$	3169·8113
3..... $7\frac{7}{8}$	7·9245		

Sp. Gr. 1·064.

10·5263 Gallons to 1 Cwt.

210·5263 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1..... $\frac{1}{8}$	·0940	1.... $10\frac{1}{2}$	10·5263
2..... $\frac{1}{4}$	·1880	2....21....	21·0526
3..... $\frac{1}{2}$	·2819	3.... $31\frac{5}{8}$	31·5789
4..... $\frac{3}{8}$	·3759	4.... $42\frac{1}{8}$	42·1053
5..... $\frac{1}{2}$	·4699	5.... $52\frac{5}{8}$	52·6316
6..... $\frac{5}{8}$	·5639	6.... $63\frac{1}{8}$	63·1579
7..... $\frac{5}{8}$	·6579	7.... $73\frac{5}{8}$	73·6842
8..... $\frac{3}{4}$	·7519	8.... $84\frac{1}{4}$	84·2105
9..... $\frac{7}{8}$	·8459	9.... $94\frac{3}{4}$	94·7368
10.....1.....	·9398	10.... $105\frac{1}{4}$	105·2632
11.....1.....	1·0338	11.... $115\frac{3}{4}$	115·7895
12..... $1\frac{1}{8}$	1·1278	12.... $126\frac{3}{8}$	126·3158
13..... $1\frac{1}{4}$	1·2218	13.... $136\frac{7}{8}$	136·8421
14..... $1\frac{3}{8}$	1·3158	14.... $147\frac{3}{8}$	147·3684
15..... $1\frac{3}{8}$	1·4098	15.... $157\frac{7}{8}$	157·8947
16..... $1\frac{1}{2}$	1·5038	16.... $168\frac{3}{8}$	168·4210
17..... $1\frac{5}{8}$	1·5977	17....179....	178·9474
18..... $1\frac{3}{4}$	1·6917	18.... $189\frac{1}{2}$	189·4737
19..... $1\frac{3}{4}$	1·7857	19....200....	200·0000
20..... $1\frac{7}{8}$	1·8797	20.... $210\frac{1}{2}$	210·5263
21.....2.....	1·9737	30.... $315\frac{3}{4}$	315·7895
22..... $2\frac{1}{8}$	2·0677	40....421....	421·0526
23..... $2\frac{1}{8}$	2·1616	50.... $526\frac{3}{8}$	526·3158
24..... $2\frac{1}{4}$	2·2556	60.... $631\frac{5}{8}$	631·5789
25..... $2\frac{3}{8}$	2·3496	70.... $736\frac{7}{8}$	736·8421
26..... $2\frac{1}{2}$	2·4436	80.... $842\frac{1}{8}$	842·1053
27..... $2\frac{1}{2}$	2·5376	90.... $947\frac{3}{8}$	947·3684
Qrs.		100.... $1052\frac{5}{8}$	1052·6316
1..... $2\frac{5}{8}$	2·6316	200.... $2105\frac{1}{4}$	2105·2632
2..... $5\frac{1}{4}$	5·2632	300.... $3157\frac{3}{8}$	3157·8947
3..... $7\frac{7}{8}$	7·8947		

Sp. Gr. 1·068.

10·4869 Gallons to 1 Cwt.

209·7378 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$10\frac{1}{2}$
2.....	$\frac{1}{8}$	2....	21....
3.....	$\frac{1}{4}$	3....	$31\frac{1}{2}$
4.....	$\frac{3}{8}$	4....	42....
5.....	$\frac{1}{2}$	5....	$52\frac{3}{8}$
6.....	$\frac{1}{2}$	6....	$62\frac{7}{8}$
7.....	$\frac{5}{8}$	7....	$73\frac{3}{8}$
8.....	$\frac{3}{4}$	8....	$83\frac{7}{8}$
9.....	$\frac{7}{8}$	9....	$94\frac{3}{8}$
10.....	$\frac{7}{8}$	10....	$104\frac{7}{8}$
11.....	1.....	11....	$115\frac{3}{8}$
12.....	$1\frac{1}{8}$	12....	$125\frac{7}{8}$
13.....	$1\frac{1}{4}$	13....	$136\frac{3}{8}$
14.....	$1\frac{1}{4}$	14....	$146\frac{7}{8}$
15.....	$1\frac{3}{8}$	15....	$157\frac{1}{4}$
16.....	$1\frac{1}{2}$	16....	$167\frac{3}{4}$
17.....	$1\frac{5}{8}$	17....	$178\frac{1}{4}$
18.....	$1\frac{5}{8}$	18....	$188\frac{3}{4}$
19.....	$1\frac{3}{4}$	19....	$199\frac{1}{4}$
20.....	$1\frac{7}{8}$	20....	$209\frac{3}{4}$
21.....	2.....	30....	$314\frac{3}{8}$
22.....	2.....	40....	$419\frac{1}{2}$
23.....	$2\frac{1}{8}$	50....	$524\frac{3}{8}$
24.....	$2\frac{1}{4}$	60....	$629\frac{1}{4}$
25.....	$2\frac{3}{8}$	70....	$734\frac{1}{8}$
26.....	$2\frac{3}{8}$	80....	839....
27.....	$2\frac{1}{2}$	90....	$943\frac{7}{8}$
Qrs.			
1.....	$2\frac{5}{8}$	100....	$1048\frac{3}{4}$
2.....	$5\frac{1}{4}$	200....	$2097\frac{3}{8}$
3.....	$7\frac{7}{8}$	300....	$3146\frac{1}{8}$

Sp. Gr. 1.072.

10.4478 Gallons to 1 Cwt.

208.9552 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.		
1.....	$\frac{1}{8}$	0.933	1....	$10\frac{1}{2}$	10.4478
2.....	$\frac{1}{4}$	1.866	2....	$20\frac{1}{2}$	20.8955
3.....	$\frac{1}{2}$	2.798	3....	$31\frac{1}{2}$	31.3433
4.....	$\frac{3}{8}$	3.731	4....	$41\frac{3}{4}$	41.7910
5.....	$\frac{1}{2}$	4.664	5....	$52\frac{1}{2}$	52.2388
6.....	$\frac{1}{2}$	5.597	6....	$62\frac{5}{8}$	62.6866
7.....	$\frac{5}{8}$	6.530	7....	$73\frac{1}{2}$	73.1343
8.....	$\frac{3}{4}$	7.463	8....	$83\frac{5}{8}$	83.5821
9.....	$\frac{7}{8}$	8.395	9....	94.....	94.0298
10.....	$\frac{7}{8}$	9.328	10....	$104\frac{1}{2}$	104.4776
11.....	1.....	10.261	11....	$114\frac{7}{8}$	114.9254
12.....	$1\frac{1}{8}$	11.194	12....	$125\frac{3}{8}$	125.3731
13.....	$1\frac{1}{4}$	12.127	13....	$135\frac{5}{8}$	135.8209
14.....	$1\frac{1}{4}$	13.060	14....	$146\frac{1}{4}$	146.2687
15.....	$1\frac{3}{8}$	13.992	15....	$156\frac{3}{4}$	156.7164
16.....	$1\frac{1}{2}$	14.925	16....	$167\frac{1}{8}$	167.1642
17.....	$1\frac{5}{8}$	15.858	17....	$177\frac{5}{8}$	177.6119
18.....	$1\frac{5}{8}$	16.791	18....	188.....	188.0597
19.....	$1\frac{3}{4}$	17.724	19....	$198\frac{1}{2}$	198.5075
20.....	$1\frac{7}{8}$	18.657	20....	209.....	208.9552
21.....	2.....	19.589	30....	$313\frac{3}{8}$	313.4328
22.....	2.....	20.522	40....	$417\frac{7}{8}$	417.9104
23.....	$2\frac{1}{8}$	21.455	50....	$522\frac{3}{8}$	522.3881
24.....	$2\frac{1}{4}$	22.388	60....	$626\frac{7}{8}$	626.8657
25.....	$2\frac{3}{8}$	23.321	70....	$731\frac{3}{8}$	731.3433
26.....	$2\frac{3}{8}$	24.254	80....	$835\frac{7}{8}$	835.8209
27.....	$2\frac{1}{2}$	25.187	90....	$940\frac{1}{4}$	940.2985
Qrs.			100....	$1044\frac{3}{4}$	1044.7761
1.....	$2\frac{5}{8}$	2.6119	200....	$2089\frac{1}{2}$	2089.5522
2.....	$5\frac{1}{4}$	5.2239	300....	$3134\frac{3}{8}$	3134.3284
3.....	$7\frac{7}{8}$	7.8358			

Sp. Gr. 1·076.

10·4089 Gallons to 1 Cwt.

208·1784 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$10\frac{3}{8}$
2.....	$\frac{1}{8}$	2....	$20\frac{7}{8}$
3.....	$\frac{1}{4}$	3....	$31\frac{1}{4}$
4.....	$\frac{3}{8}$	4....	$41\frac{5}{8}$
5.....	$\frac{1}{2}$	5....	52.....
6.....	$\frac{1}{2}$	6....	$62\frac{1}{2}$
7.....	$\frac{5}{8}$	7....	$72\frac{7}{8}$
8.....	$\frac{3}{4}$	8....	$83\frac{1}{4}$
9.....	$\frac{7}{8}$	9....	$93\frac{5}{8}$
10.....	$\frac{7}{8}$	10....	$104\frac{1}{8}$
11.....	1.....	11....	$114\frac{1}{2}$
12.....	$1\frac{1}{8}$	12....	$124\frac{7}{8}$
13.....	$1\frac{1}{4}$	13....	$135\frac{3}{8}$
14.....	$1\frac{1}{2}$	14....	$145\frac{3}{4}$
15.....	$1\frac{3}{8}$	15....	$156\frac{1}{8}$
16.....	$1\frac{1}{2}$	16....	$166\frac{1}{2}$
17.....	$1\frac{5}{8}$	17....	177.....
18.....	$1\frac{5}{8}$	18....	$187\frac{3}{8}$
19.....	$1\frac{3}{4}$	19....	$197\frac{3}{4}$
20.....	$1\frac{7}{8}$	20....	$208\frac{1}{8}$
21.....	2.....	30....	$312\frac{1}{4}$
22.....	2.....	40....	$416\frac{3}{8}$
23.....	$2\frac{1}{8}$	50....	$520\frac{1}{2}$
24.....	$2\frac{1}{4}$	60....	$624\frac{1}{2}$
25.....	$2\frac{3}{8}$	70....	$728\frac{3}{8}$
26.....	$2\frac{3}{8}$	80....	$832\frac{3}{4}$
27.....	$2\frac{1}{2}$	90....	$936\frac{1}{4}$
Qrs.			
1.....	$2\frac{5}{8}$	100....	$1040\frac{7}{8}$
2.....	$5\frac{1}{4}$	200....	$2081\frac{3}{4}$
3.....	$7\frac{3}{4}$	300....	$3122\frac{5}{8}$

OIL TRADE CALCULATOR

171

Sp. Gr. 1·080.

10·3704 Gallons to 1 Cwt.

207·4074 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1..... $\frac{1}{8}$	·0926	1.... $10\frac{3}{8}$	10·3704
2..... $\frac{1}{8}$	·1852	2.... $20\frac{3}{4}$	20·7407
3..... $\frac{1}{4}$	·2778	3.... $31\frac{1}{8}$	31·1111
4..... $\frac{3}{8}$	·3701	4.... $41\frac{1}{2}$	41·4815
5..... $\frac{1}{2}$	·4630	5.... $51\frac{7}{8}$	51·8518
6..... $\frac{3}{4}$	·5555	6.... $62\frac{1}{4}$	62·2222
7..... $\frac{5}{8}$	·6481	7.... $72\frac{5}{8}$	72·5926
8..... $\frac{3}{4}$	·7407	8....83.....	82·9630
9..... $\frac{7}{8}$	·8333	9.... $93\frac{3}{8}$	93·3333
10..... $\frac{7}{8}$	·9259	10.... $103\frac{3}{4}$	103·7037
11..... 1	1·0185	11.... $114\frac{1}{8}$	114·0741
12..... $1\frac{1}{8}$	1·1111	12.... $124\frac{1}{2}$	124·4444
13..... $1\frac{1}{4}$	1·2037	13.... $134\frac{7}{8}$	134·8148
14..... $1\frac{1}{2}$	1·2963	14.... $145\frac{1}{8}$	145·1852
15..... $1\frac{3}{8}$	1·3889	15.... $155\frac{1}{2}$	155·5555
16..... $1\frac{1}{2}$	1·4815	16.... $165\frac{7}{8}$	165·9259
17..... $1\frac{5}{8}$	1·5741	17.... $176\frac{1}{4}$	176·2963
18..... $1\frac{3}{4}$	1·6667	18.... $186\frac{5}{8}$	186·6667
19..... $1\frac{3}{4}$	1·7593	19....197.....	197·0370
20..... $1\frac{7}{8}$	1·8518	20.... $207\frac{3}{8}$	207·4074
21.....2.....	1·9444	30.... $311\frac{1}{8}$	311·1111
22.....2.....	2·0370	40.... $414\frac{7}{8}$	414·8148
23..... $2\frac{1}{8}$	2·1296	50.... $518\frac{1}{2}$	518·5185
24..... $2\frac{1}{4}$	2·2222	60.... $622\frac{1}{4}$	622·2222
25..... $2\frac{3}{8}$	2·3148	70.... $725\frac{7}{8}$	725·9259
26..... $2\frac{3}{8}$	2·4074	80.... $829\frac{5}{8}$	829·6296
27..... $2\frac{1}{2}$	2·5000	90.... $933\frac{3}{8}$	933·3333
Qrs.		100....1037.....	1037·0370
1..... $2\frac{5}{8}$	2·5926	200....2074 $\frac{1}{8}$	2074·0741
2..... $5\frac{1}{8}$	5·1852	300....3111 $\frac{1}{8}$	3111·1111
3..... $7\frac{3}{4}$	7·7778		

Sp. Gr. 1·084.

10·3321 Gallons to 1 Cwt.

206·6421 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$10\frac{3}{8}$ 10·3321
2.....	$\frac{1}{8}$	2....	$20\frac{5}{8}$ 20·6642
3.....	$\frac{1}{4}$	3....	31 30·9963
4.....	$\frac{3}{8}$	4....	$41\frac{3}{8}$ 41·3284
5.....	$\frac{1}{2}$	5....	$51\frac{5}{8}$ 51·6605
6.....	$\frac{3}{4}$	6....	62 61·9926
7.....	$\frac{5}{8}$	7....	$72\frac{3}{8}$ 72·3247
8.....	$\frac{3}{4}$	8....	$82\frac{5}{8}$ 82·6568
9.....	$\frac{7}{8}$	9....	93 92·9889
10.....	$\frac{7}{8}$	10....	$103\frac{3}{8}$ 103·3210
11.....	1.....	11....	$113\frac{5}{8}$ 113·6531
12.....	$1\frac{1}{8}$	12....	124 123·9852
13.....	$1\frac{1}{4}$	13....	$134\frac{3}{8}$ 134·3173
14.....	$1\frac{1}{4}$	14....	$144\frac{5}{8}$ 144·6494
15.....	$1\frac{3}{8}$	15....	155 154·9815
16.....	$1\frac{1}{2}$	16....	$165\frac{3}{8}$ 165·3136
17.....	$1\frac{5}{8}$	17....	$175\frac{5}{8}$ 175·6458
18.....	$1\frac{5}{8}$	18....	186 185·9779
19.....	$1\frac{3}{4}$	19....	$196\frac{1}{4}$ 196·3100
20.....	$1\frac{7}{8}$	20....	$206\frac{5}{8}$ 206·6421
21.....	$1\frac{7}{8}$	30....	310 309·9631
22.....	2.....	40....	$413\frac{1}{4}$ 413·2841
23.....	$2\frac{1}{8}$	50....	$516\frac{5}{8}$ 516·6052
24.....	$2\frac{1}{4}$	60....	$619\frac{3}{4}$ 619·9262
25.....	$2\frac{1}{4}$	70....	$723\frac{1}{2}$ 723·2472
26.....	$2\frac{3}{8}$	80....	$826\frac{3}{8}$ 826·5683
27.....	$2\frac{1}{2}$	90....	$929\frac{3}{8}$ 929·8893
Qrs.		100....	$1033\frac{1}{4}$ 1033·2103
1.....	$2\frac{5}{8}$	200....	$2066\frac{3}{8}$ 2066·4207
2.....	$5\frac{1}{8}$	300....	$3099\frac{5}{8}$ 3099·6310
3.....	$7\frac{3}{4}$		

Sp. Gr. 1·088.

10·2941 Gallons to 1 Cwt.

205·8823 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$10\frac{1}{8}$
2.....	$\frac{1}{8}$	2....	$20\frac{1}{8}$
3.....	$\frac{1}{8}$	3....	$30\frac{1}{8}$
4.....	$\frac{3}{8}$	4....	$41\frac{1}{8}$
5.....	$\frac{1}{2}$	5....	$51\frac{1}{2}$
6.....	$\frac{1}{2}$	6....	$61\frac{3}{4}$
7.....	$\frac{5}{8}$	7....	72
8.....	$\frac{3}{4}$	8....	$82\frac{3}{8}$
9.....	$\frac{7}{8}$	9....	$92\frac{5}{8}$
10.....	$\frac{7}{8}$	10....	103
11.....	1.....	11....	$113\frac{1}{8}$
12.....	$1\frac{1}{8}$	12....	$123\frac{1}{8}$
13.....	$1\frac{1}{4}$	13....	$133\frac{7}{8}$
14.....	$1\frac{1}{4}$	14....	$144\frac{1}{8}$
15.....	$1\frac{3}{8}$	15....	$154\frac{3}{8}$
16.....	$1\frac{1}{2}$	16....	$164\frac{3}{4}$
17.....	$1\frac{9}{16}$	17....	175
18.....	$1\frac{5}{8}$	18....	$185\frac{1}{4}$
19.....	$1\frac{3}{4}$	19....	$195\frac{5}{8}$
20.....	$1\frac{7}{8}$	20....	$205\frac{7}{8}$
21.....	$1\frac{7}{8}$	30....	$308\frac{7}{8}$
22.....	2.....	40....	$411\frac{3}{4}$
23.....	$2\frac{1}{8}$	50....	$514\frac{3}{4}$
24.....	$2\frac{1}{4}$	60....	$617\frac{5}{8}$
25.....	$2\frac{1}{4}$	70....	$720\frac{5}{8}$
26.....	$2\frac{3}{8}$	80....	$823\frac{1}{2}$
27.....	$2\frac{1}{2}$	90....	$926\frac{1}{2}$
Qrs.		100....	$1029\frac{3}{8}$
1.....	$2\frac{5}{8}$	200....	$2058\frac{7}{8}$
2.....	$5\frac{1}{8}$	300....	$3088\frac{1}{4}$
3.....	$7\frac{3}{4}$		

Sp. Gr. 1.092.

10.2564 Gallons to 1 Cwt.

205.1282 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	10.2564	10.2564
2.....	$\frac{1}{8}$	20.5128	20.5128
3.....	$\frac{1}{8}$	30.7692	30.7692
4.....	$\frac{3}{8}$	41.....	41.0256
5.....	$\frac{1}{2}$	51.2820	51.2820
6.....	$\frac{1}{2}$	61.5385	61.5385
7.....	$\frac{5}{8}$	71.7949	71.7949
8.....	$\frac{3}{4}$	82.....	82.0513
9.....	$\frac{7}{8}$	92.3077	92.3077
10.....	$\frac{7}{8}$	102.5641	102.5641
11.....	1.....	112.8205	112.8205
12.....	$1\frac{1}{8}$	123.0769	123.0769
13.....	$1\frac{1}{4}$	133.3333	133.3333
14.....	$1\frac{1}{4}$	143.5897	143.5897
15.....	$1\frac{3}{8}$	153.8461	153.8461
16.....	$1\frac{1}{2}$	164.1026	164.1026
17.....	$1\frac{1}{2}$	174.3590	174.3590
18.....	$1\frac{5}{8}$	184.6154	184.6154
19.....	$1\frac{3}{4}$	194.8718	194.8718
20.....	$1\frac{7}{8}$	205.1282	205.1282
21.....	$1\frac{7}{8}$	307.3846	307.3846
22.....	2.....	410.2564	410.2564
23.....	$2\frac{1}{8}$	512.8205	512.8205
24.....	$2\frac{1}{4}$	615.3846	615.3846
25.....	$2\frac{1}{4}$	717.9487	717.9487
26.....	$2\frac{3}{8}$	820.5128	820.5128
27.....	$2\frac{1}{2}$	923.0769	923.0769
Qrs.			
1.....	$2\frac{5}{8}$	1025.6410	1025.6410
2.....	$5\frac{1}{8}$	2051.2820	2051.2820
3.....	$7\frac{3}{4}$	3076.9231	3076.9231

Sp. Gr. 1.096.

10.2190 Gallons to 1 Cwt.

201.3796 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$10\frac{1}{4}$ 10.2190
2.....	$\frac{1}{8}$	2....	$20\frac{1}{2}$ 20.4380
3.....	$\frac{1}{4}$	3....	$30\frac{5}{8}$ 30.6569
4.....	$\frac{3}{8}$	4....	$40\frac{7}{8}$ 40.8759
5.....	$\frac{1}{2}$	5....	$51\frac{1}{8}$ 51.0949
6.....	$\frac{1}{2}$	6....	$61\frac{3}{8}$ 61.3139
7.....	$\frac{5}{8}$	7....	$71\frac{1}{2}$ 71.5328
8.....	$\frac{3}{4}$	8....	$81\frac{3}{4}$ 81.7518
9.....	$\frac{7}{8}$	9....	92 91.9708
10.....	$\frac{7}{8}$	10....	$102\frac{1}{4}$ 102.1898
11.....	1.....	11....	$112\frac{3}{8}$ 112.4088
12.....	$1\frac{1}{8}$	12....	$122\frac{5}{8}$ 122.6277
13.....	$1\frac{1}{8}$	13....	$132\frac{7}{8}$ 132.8467
14.....	$1\frac{1}{4}$	14....	$143\frac{1}{8}$ 143.0657
15.....	$1\frac{3}{8}$	15....	$153\frac{1}{4}$ 153.2847
16.....	$1\frac{1}{2}$	16....	$163\frac{1}{2}$ 163.5036
17.....	$1\frac{1}{2}$	17....	$173\frac{3}{4}$ 173.7226
18.....	$1\frac{5}{8}$	18....	184 183.9416
19.....	$1\frac{3}{4}$	19....	$194\frac{1}{8}$ 194.1606
20.....	$1\frac{7}{8}$	20....	$204\frac{3}{8}$ 204.3796
21.....	$1\frac{7}{8}$	30....	$306\frac{5}{8}$ 306.5693
22.....	2.....	40....	$408\frac{3}{4}$ 408.7591
23.....	$2\frac{1}{8}$	50....	511 510.9489
24.....	$2\frac{1}{4}$	60....	$613\frac{1}{8}$ 613.1387
25.....	$2\frac{1}{4}$	70....	$715\frac{3}{8}$ 715.3285
26.....	$2\frac{3}{8}$	80....	$817\frac{1}{2}$ 817.5182
27.....	$2\frac{1}{2}$	90....	$919\frac{3}{4}$ 919.7080
Qrs.		100....	$1021\frac{7}{8}$ 1021.8978
1.....	$2\frac{1}{2}$	200....	$2043\frac{3}{4}$ 2043.7956
2.....	$5\frac{1}{8}$	300....	$3065\frac{1}{4}$ 3065.6934
3.....	$7\frac{5}{8}$		

Sp. Gr. 1·100.

10·1818 Gallons to 1 Cwt.

203·6364 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$10\frac{1}{8}$
2.....	$\frac{1}{8}$	2....	$20\frac{1}{8}$
3.....	$\frac{1}{8}$	3....	$30\frac{1}{8}$
4.....	$\frac{3}{8}$	4....	$40\frac{3}{8}$
5.....	$\frac{1}{2}$	5....	$50\frac{7}{8}$
6.....	$\frac{1}{2}$	6....	$61\frac{1}{8}$
7.....	$\frac{5}{8}$	7....	$71\frac{1}{4}$
8.....	$\frac{3}{4}$	8....	$81\frac{1}{2}$
9.....	$\frac{7}{8}$	9....	$91\frac{5}{8}$
10.....	$\frac{7}{8}$	10....	$101\frac{7}{8}$
11.....	1.....	11....	112.....
12.....	$1\frac{1}{8}$	12....	$122\frac{1}{8}$
13.....	$1\frac{1}{8}$	13....	$132\frac{3}{8}$
14.....	$1\frac{1}{4}$	14....	$142\frac{1}{2}$
15.....	$1\frac{3}{8}$	15....	$152\frac{3}{4}$
16.....	$1\frac{1}{2}$	16....	$162\frac{7}{8}$
17.....	$1\frac{1}{2}$	17....	$173\frac{1}{8}$
18.....	$1\frac{5}{8}$	18....	$183\frac{1}{4}$
19.....	$1\frac{3}{4}$	19....	$193\frac{1}{2}$
20.....	$1\frac{7}{8}$	20....	$203\frac{5}{8}$
21.....	$1\frac{7}{8}$	30....	$305\frac{1}{2}$
22.....	2.....	40....	$407\frac{1}{4}$
23.....	$2\frac{1}{8}$	50....	$509\frac{1}{8}$
24.....	$2\frac{1}{8}$	60....	$610\frac{7}{8}$
25.....	$2\frac{1}{4}$	70....	$712\frac{3}{4}$
26.....	$2\frac{3}{8}$	80....	$814\frac{1}{2}$
27.....	$2\frac{1}{2}$	90....	$916\frac{3}{8}$
Qrs.			
1.....	$2\frac{1}{2}$	100....	$1018\frac{1}{2}$
2.....	$5\frac{1}{8}$	200....	$2036\frac{3}{8}$
3.....	$7\frac{5}{8}$	300....	$3054\frac{1}{2}$

Sp. Gr. 1·104.

10·1449 Gallons to 1 Cwt.

202·8985 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$10\frac{1}{8}$ 10·1449
2.....	$\frac{1}{4}$	2....	$20\frac{1}{4}$ 20·2898
3.....	$\frac{3}{8}$	3....	$30\frac{3}{8}$ 30·4348
4.....	$\frac{1}{2}$	4....	$40\frac{1}{2}$ 40·5797
5.....	$\frac{5}{8}$	5....	$50\frac{5}{8}$ 50·7246
6.....	$\frac{3}{4}$	6....	$60\frac{3}{4}$ 60·8696
7.....	$\frac{7}{8}$	7....	71 71·0145
8.....	1.....	8....	$81\frac{1}{8}$ 81·1594
9.....	$1\frac{1}{8}$	9....	$91\frac{1}{4}$ 91·3043
10.....	$1\frac{1}{4}$	10....	$101\frac{1}{2}$ 101·4493
11.....	$1\frac{3}{8}$	11....	$111\frac{5}{8}$ 111·5942
12.....	$1\frac{1}{2}$	12....	$121\frac{3}{4}$ 121·7391
13.....	$1\frac{5}{8}$	13....	$131\frac{7}{8}$ 131·8841
14.....	$1\frac{3}{4}$	14....	142 142·0290
15.....	$1\frac{7}{8}$	15....	$152\frac{1}{8}$ 152·1739
16.....	$1\frac{1}{2}$	16....	$162\frac{3}{8}$ 162·3188
17.....	$1\frac{5}{4}$	17....	$172\frac{1}{2}$ 172·4638
18.....	$1\frac{3}{2}$	18....	$182\frac{5}{8}$ 182·6087
19.....	$1\frac{7}{4}$	19....	$192\frac{3}{4}$ 192·7536
20.....	$1\frac{9}{4}$	20....	$202\frac{7}{8}$ 202·8985
21.....	$1\frac{11}{8}$	30....	$301\frac{3}{8}$ 304·3478
22.....	$1\frac{13}{8}$	40....	$405\frac{3}{4}$ 405·7971
23.....	$1\frac{15}{8}$	50....	$507\frac{1}{4}$ 507·2464
24.....	$1\frac{17}{8}$	60....	$608\frac{3}{4}$ 608·6956
25.....	$1\frac{19}{8}$	70....	$710\frac{1}{8}$ 710·1449
26.....	$1\frac{21}{8}$	80....	$811\frac{5}{8}$ 811·5942
27.....	$1\frac{23}{8}$	90....	913 913·0435
Qrs.		100....	$1014\frac{1}{2}$ 1014·4927
1.....	$2\frac{1}{2}$	200....	2029 2028·9855
2.....	$5\frac{1}{2}$	300....	$3043\frac{1}{2}$ 3043·4783
3.....	$7\frac{1}{2}$		

Sp. Gr. 1·108.

10·1083 Gallons to 1 Cwt.

202·1661 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1..... $\frac{1}{8}$	·0902	1.... $10\frac{1}{8}$	10·1083
2..... $\frac{1}{8}$	·1805	2.... $20\frac{1}{4}$	20·2166
3..... $\frac{1}{4}$	·2708	3.... $30\frac{3}{8}$	30·3249
4..... $\frac{3}{8}$	·3610	4.... $40\frac{3}{8}$	40·4332
5..... $\frac{1}{2}$	·4513	5.... $50\frac{1}{2}$	50·5415
6..... $\frac{1}{2}$	·5415	6.... $60\frac{5}{8}$	60·6498
7..... $\frac{5}{8}$	·6318	7.... $70\frac{3}{4}$	70·7581
8..... $\frac{3}{4}$	·7220	8.... $80\frac{7}{8}$	80·8664
9..... $\frac{3}{4}$	·8123	9....91....	90·9747
10..... $\frac{7}{8}$	·9025	10.... $101\frac{1}{8}$	101·0830
11.....1.....	·9928	11.... $111\frac{1}{4}$	111·1913
12..... $1\frac{1}{8}$	1·0830	12.... $121\frac{1}{4}$	121·2996
13..... $1\frac{1}{8}$	1·1733	13.... $131\frac{3}{8}$	131·4079
14..... $1\frac{1}{4}$	1·2635	14.... $141\frac{1}{2}$	141·5162
15..... $1\frac{3}{8}$	1·3538	15.... $151\frac{5}{8}$	151·6245
16..... $1\frac{1}{2}$	1·4440	16.... $161\frac{3}{4}$	161·7328
17..... $1\frac{1}{2}$	1·5343	17.... $171\frac{7}{8}$	171·8411
18..... $1\frac{5}{8}$	1·6245	18....182....	181·9495
19..... $1\frac{3}{4}$	1·7148	19....192....	192·0578
20..... $1\frac{3}{4}$	1·8050	20.... $202\frac{1}{8}$	202·1661
21..... $1\frac{7}{8}$	1·8953	30.... $303\frac{1}{4}$	303·2491
22.....2.....	1·9856	40.... $404\frac{3}{8}$	404·3321
23..... $2\frac{1}{8}$	2·0758	50.... $505\frac{3}{8}$	505·4152
24..... $2\frac{1}{8}$	2·1661	60.... $606\frac{1}{2}$	606·4982
25..... $2\frac{1}{4}$	2·2563	70.... $707\frac{5}{8}$	707·5812
26..... $2\frac{3}{8}$	2·3466	80.... $808\frac{5}{8}$	808·6643
27..... $2\frac{3}{8}$	2·4368	90.... $909\frac{3}{4}$	909·7473
Qrs.		100.... $1010\frac{7}{8}$	1010·8303
1..... $2\frac{1}{2}$	2·5271	200.... $2021\frac{5}{8}$	2021·6606
2.....5.....	5·0541	300.... $3032\frac{1}{2}$	3032·4910
3..... $7\frac{5}{8}$	7·5812		

Sp. Gr. 1.112.

10.0719 Gallons to 1 Cwt.

201.4388 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$10\frac{1}{8}$ 10.0719
2.....	$\frac{1}{8}$	2....	$20\frac{1}{8}$ 20.1439
3.....	$\frac{1}{4}$	3....	$30\frac{1}{4}$ 30.2158
4.....	$\frac{3}{8}$	4....	$40\frac{1}{4}$ 40.2878
5.....	$\frac{1}{2}$	5....	$50\frac{3}{8}$ 50.3597
6.....	$\frac{1}{2}$	6....	$60\frac{3}{8}$ 60.4316
7.....	$\frac{5}{8}$	7....	$70\frac{1}{2}$ 70.5036
8.....	$\frac{3}{4}$	8....	$80\frac{5}{8}$ 80.5755
9.....	$\frac{3}{4}$	9....	$90\frac{5}{8}$ 90.6475
10.....	$\frac{7}{8}$	10....	$100\frac{3}{4}$ 100.7194
11.....	1.....	11....	$110\frac{3}{4}$ 110.7914
12.....	$1\frac{1}{8}$	12....	$120\frac{7}{8}$ 120.8633
13.....	$1\frac{1}{8}$	13....	$130\frac{7}{8}$ 130.9352
14.....	$1\frac{1}{4}$	14....	141.... 141.0072
15.....	$1\frac{3}{8}$	15....	$151\frac{1}{8}$ 151.0791
16.....	$1\frac{1}{2}$	16....	$161\frac{1}{8}$ 161.1511
17.....	$1\frac{1}{2}$	17....	$171\frac{1}{4}$ 171.2230
18.....	$1\frac{5}{8}$	18....	$181\frac{1}{4}$ 181.2950
19.....	$1\frac{3}{4}$	19....	$191\frac{3}{8}$ 191.3669
20.....	$1\frac{3}{4}$	20....	$201\frac{1}{2}$ 201.4388
21.....	$1\frac{7}{8}$	30....	$302\frac{1}{8}$ 302.1583
22.....	2.....	40....	$402\frac{7}{8}$ 402.8777
23.....	$2\frac{1}{8}$	50....	$503\frac{5}{8}$ 503.5971
24.....	$2\frac{1}{8}$	60....	$604\frac{3}{8}$ 604.3165
25.....	$2\frac{1}{4}$	70....	705.... 705.0360
26.....	$2\frac{3}{8}$	80....	$805\frac{3}{4}$ 805.7554
27.....	$2\frac{3}{8}$	90....	$906\frac{1}{2}$ 906.4748
Qrs.			
1.....	$2\frac{1}{2}$	100....	$1007\frac{1}{4}$ 1007.1942
2.....	5.....	200....	$2014\frac{3}{8}$ 2014.3885
3.....	$7\frac{1}{2}$	300....	$3021\frac{5}{8}$ 3021.5827

Sp. Gr. 1·116.

10·0358 Gallons to 1 Cwt.

200·7168 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	10 10·0358
2.....	$\frac{1}{8}$	2....	20 $\frac{1}{8}$ 20·0717
3.....	$\frac{1}{4}$	3....	30 $\frac{1}{8}$ 30·1075
4.....	$\frac{3}{8}$	4....	40 $\frac{1}{8}$ 40·1434
5.....	$\frac{1}{2}$	5....	50 $\frac{1}{8}$ 50·1792
6.....	$\frac{1}{2}$	6....	60 $\frac{1}{8}$ 60·2150
7.....	$\frac{5}{8}$	7....	70 $\frac{1}{8}$ 70·2509
8.....	$\frac{3}{4}$	8....	80 $\frac{1}{8}$ 80·2867
9.....	$\frac{3}{4}$	9....	90 $\frac{3}{8}$ 90·3226
10.....	$\frac{7}{8}$	10....	100 $\frac{3}{8}$ 100·3584
11.....	1.....	11....	110 $\frac{3}{8}$ 110·3943
12.....	1 $\frac{1}{8}$	12....	120 $\frac{3}{8}$ 120·4301
13.....	1 $\frac{1}{8}$	13....	130 $\frac{1}{2}$ 130·4659
14.....	1 $\frac{1}{4}$	14....	140 $\frac{1}{2}$ 140·5018
15.....	1 $\frac{3}{8}$	15....	150 $\frac{1}{2}$ 150·5376
16.....	1 $\frac{3}{8}$	16....	160 $\frac{5}{8}$ 160·5735
17.....	1 $\frac{1}{2}$	17....	170 $\frac{5}{8}$ 170·6093
18.....	1 $\frac{5}{8}$	18....	180 $\frac{5}{8}$ 180·6452
19.....	1 $\frac{3}{4}$	19....	190 $\frac{5}{8}$ 190·6810
20.....	1 $\frac{3}{4}$	20....	200 $\frac{3}{4}$ 200·7168
21.....	1 $\frac{7}{8}$	30....	301 $\frac{1}{8}$ 301·0753
22.....	2.....	40....	401 $\frac{3}{8}$ 401·4337
23.....	2.....	50....	501 $\frac{3}{4}$ 501·7921
24.....	2 $\frac{1}{8}$	60....	602 $\frac{1}{8}$ 602·1505
25.....	2 $\frac{1}{4}$	70....	702 $\frac{1}{2}$ 702·5090
26.....	2 $\frac{3}{8}$	80....	802 $\frac{7}{8}$ 802·8674
27.....	2 $\frac{3}{8}$	90....	903 $\frac{1}{4}$ 903·2258
Qrs.			
1.....	2 $\frac{1}{2}$	100....	1003 $\frac{5}{8}$ 1003·5842
2.....	5.....	200....	2007 $\frac{1}{8}$ 2007·1685
3.....	7 $\frac{1}{2}$	300....	3010 $\frac{3}{4}$ 3010·7527

Sp. Gr. 1·120.

10·000 Gallons to 1 Cwt.

200·0000 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1..... $\frac{1}{8}$	·0893	1.... 10	10·0000
2..... $\frac{1}{8}$	·1786	2.... 20	20·0000
3..... $\frac{1}{4}$	·2679	3.... 30	30·0000
4..... $\frac{3}{8}$	·3571	4.... 40	40·0000
5..... $\frac{1}{2}$	·4461	5.... 50	50·0000
6..... $\frac{1}{2}$	·5357	6.... 60	60·0000
7..... $\frac{5}{8}$	·6250	7.... 70	70·0000
8..... $\frac{3}{4}$	·7143	8.... 80	80·0000
9..... $\frac{3}{4}$	·8036	9.... 90	90·0000
10..... $\frac{7}{8}$	·8929	10.... 100	100·0000
11.....1.....	·9821	11.... 110	110·0000
12..... $1\frac{1}{8}$	1·0714	12.... 120	120·0000
13..... $1\frac{1}{8}$	1·1607	13.... 130	130·0000
14..... $1\frac{1}{4}$	1·2500	14.... 140	140·0000
15..... $1\frac{3}{8}$	1·3393	15.... 150	150·0000
16..... $1\frac{3}{8}$	1·4286	16.... 160	160·0000
17..... $1\frac{1}{2}$	1·5179	17.... 170	170·0000
18..... $1\frac{5}{8}$	1·6071	18.... 180	180·0000
19..... $1\frac{3}{4}$	1·6964	19.... 190	190·0000
20..... $1\frac{3}{4}$	1·7857	20.... 200	200·0000
21..... $1\frac{7}{8}$	1·8750	20.... 300	300·0000
22.....2.....	1·9643	40.... 400	400·0000
23.....2.....	2·0536	50.... 500	500·0000
24..... $2\frac{1}{4}$	2·1429	60.... 600	600·0000
25..... $2\frac{1}{4}$	2·2321	70.... 700	700·0000
26..... $2\frac{3}{8}$	2·3214	80.... 800	800·0000
27..... $2\frac{3}{8}$	2·4107	90.... 900	900·0000
Qrs.		100.... 1000	1000·0000
1..... $2\frac{1}{2}$	2·5000	200.... 2000	2000·0000
2.....5.....	5·0000	300.... 3000	3000·0000
3..... $7\frac{1}{2}$	7·5000		

Sp. Gr. 1·124.

9·9644 Gallons to 1 Cwt.

199·2883 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1..... $\frac{1}{8}$	·0890	1.... 10	9·9644
2..... $\frac{1}{8}$	·1779	2.... 19 $\frac{7}{8}$	19·9288
3..... $\frac{1}{4}$	·2669	3.... 29 $\frac{7}{8}$	29·8932
4..... $\frac{3}{8}$	·3559	4.... 39 $\frac{7}{8}$	39·8576
5..... $\frac{1}{2}$	·4448	5.... 49 $\frac{7}{8}$	49·8221
6..... $\frac{1}{2}$	·5338	6.... 59 $\frac{3}{4}$	59·7865
7..... $\frac{5}{8}$	·6228	7.... 69 $\frac{3}{4}$	69·7509
8..... $\frac{3}{4}$	·7117	8.... 79 $\frac{3}{4}$	79·7153
9..... $\frac{3}{4}$	·8007	9.... 89 $\frac{5}{8}$	89·6797
10..... $\frac{7}{8}$	·8897	10.... 99 $\frac{5}{8}$	99·6441
11.....1.....	·9786	11.... 109 $\frac{5}{8}$	109·6085
12.....1 $\frac{1}{8}$	1·0676	12.... 119 $\frac{5}{8}$	119·5729
13.....1 $\frac{1}{8}$	1·1566	13.... 129 $\frac{1}{2}$	129·5374
14.....1 $\frac{1}{4}$	1·2455	14.... 139 $\frac{1}{2}$	139·5018
15.....1 $\frac{3}{8}$	1·3345	15.... 149 $\frac{1}{2}$	149·4662
16.....1 $\frac{3}{8}$	1·4235	16.... 159 $\frac{3}{8}$	159·4306
17.....1 $\frac{1}{2}$	1·5124	17.... 169 $\frac{3}{8}$	169·3950
18.....1 $\frac{5}{8}$	1·6014	18.... 179 $\frac{3}{8}$	179·3594
19.....1 $\frac{3}{4}$	1·6904	19.... 189 $\frac{3}{8}$	189·3238
20.....1 $\frac{3}{4}$	1·7794	20.... 199 $\frac{1}{4}$	199·2883
21.....1 $\frac{7}{8}$	1·8683	30.... 298 $\frac{7}{8}$	298·9324
22.....2.....	1·9573	40.... 398 $\frac{5}{8}$	398·5765
23.....2.....	2·0463	50.... 498 $\frac{1}{2}$	498·2206
24.....2 $\frac{1}{8}$	2·1352	60.... 597 $\frac{7}{8}$	597·8648
25.....2 $\frac{1}{4}$	2·2242	70.... 697 $\frac{1}{2}$	697·5089
26.....2 $\frac{3}{8}$	2·3132	80.... 797 $\frac{1}{8}$	797·1530
27.....2 $\frac{3}{8}$	2·4021	90.... 896 $\frac{3}{4}$	896·7971
Qrs.		100.... 996 $\frac{1}{2}$	996·4413
1.....2 $\frac{1}{2}$	2·4911	200.... 1992 $\frac{7}{8}$	1992·8826
2.....5.....	4·9822	300.... 2989 $\frac{3}{8}$	2989·3238
3.....7 $\frac{1}{2}$	7·4733		

Sp. Gr. 1·128.

9·9291 Gallons to 1 Cwt.

198·5816 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$9\frac{7}{8}$ 9·9291
2.....	$\frac{1}{8}$	2....	$19\frac{7}{8}$ 19·8582
3.....	$\frac{1}{4}$	3....	$29\frac{3}{4}$ 29·7872
4.....	$\frac{3}{8}$	4....	$39\frac{3}{4}$ 39·7163
5.....	$\frac{1}{2}$	5....	$49\frac{5}{8}$ 49·6454
6.....	$\frac{1}{2}$	6....	$59\frac{5}{8}$ 59·5745
7.....	$\frac{5}{8}$	7....	$69\frac{1}{2}$ 69·5035
8.....	$\frac{3}{4}$	8....	$79\frac{3}{8}$ 79·4326
9.....	$\frac{3}{4}$	9....	$89\frac{3}{8}$ 89·3617
10.....	$\frac{7}{8}$	10....	$99\frac{1}{4}$ 99·2908
11.....	1.....	11....	$109\frac{1}{4}$ 109·2199
12.....	$1\frac{1}{8}$	12....	$119\frac{1}{8}$ 119·1489
13.....	$1\frac{1}{8}$	13....	$129\frac{1}{8}$ 129·0780
14.....	$1\frac{1}{4}$	14....	139.... 139·0071
15.....	$1\frac{3}{8}$	15....	$148\frac{7}{8}$ 148·9362
16.....	$1\frac{3}{8}$	16....	$158\frac{7}{8}$ 158·8652
17.....	$1\frac{1}{2}$	17....	$168\frac{3}{4}$ 168·7943
18.....	$1\frac{5}{8}$	18....	$178\frac{3}{4}$ 178·7234
19.....	$1\frac{5}{8}$	19....	$188\frac{5}{8}$ 188·6525
20.....	$1\frac{3}{4}$	20....	$198\frac{5}{8}$ 198·5816
21.....	$1\frac{7}{8}$	30....	$297\frac{7}{8}$ 297·8723
22.....	2.....	40....	$397\frac{1}{8}$ 397·1631
23.....	2.....	50....	$496\frac{1}{2}$ 496·4539
24.....	$2\frac{1}{8}$	60....	$595\frac{3}{4}$ 595·7447
25.....	$2\frac{1}{4}$	70....	695.... 695·0355
26.....	$2\frac{1}{4}$	80....	$794\frac{3}{8}$ 794·3262
27.....	$2\frac{3}{8}$	90....	$893\frac{5}{8}$ 893·6170
Qrs.		100....	$992\frac{7}{8}$ 992·9078
1.....	$2\frac{1}{2}$	200....	$1985\frac{7}{8}$ 1985·8156
2.....	5.....	300....	$2978\frac{3}{4}$ 2978·7234
3.....	$7\frac{1}{2}$		

Sp. Gr. 1·132.

9·8940 Gallons to 1 Cwt.

197·8799 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$9\frac{7}{8}$ 9·8940
2.....	$\frac{1}{8}$	2....	$19\frac{3}{4}$ 19·7880
3.....	$\frac{1}{4}$	3....	$29\frac{5}{8}$ 29·6820
4.....	$\frac{3}{8}$	4....	$39\frac{5}{8}$ 39·5760
5.....	$\frac{1}{2}$	5....	$49\frac{1}{2}$ 49·4700
6.....	$\frac{1}{2}$	6....	$59\frac{3}{8}$ 59·3640
7.....	$\frac{5}{8}$	7....	$69\frac{1}{4}$ 69·2579
8.....	$\frac{3}{4}$	8....	$79\frac{1}{8}$ 79·1519
9.....	$\frac{3}{4}$	9....	89 89·0459
10.....	$\frac{7}{8}$	10....	99 98·9399
11.....	1.....	11....	$108\frac{7}{8}$ 108·8339
12.....	1.....	12....	$118\frac{3}{4}$ 118·7279
13.....	$1\frac{1}{8}$	13....	$128\frac{5}{8}$ 128·6219
14.....	$1\frac{1}{4}$	14....	$138\frac{1}{2}$ 138·5159
15.....	$1\frac{3}{8}$	15....	$148\frac{3}{8}$ 148·4099
16.....	$1\frac{3}{8}$	16....	$158\frac{1}{4}$ 158·3039
17.....	$1\frac{1}{2}$	17....	$168\frac{1}{2}$ 168·1979
18.....	$1\frac{5}{8}$	18....	$178\frac{1}{8}$ 178·0919
19.....	$1\frac{5}{8}$	19....	188 187·9859
20.....	$1\frac{3}{4}$	20....	$197\frac{7}{8}$ 197·8799
21.....	$1\frac{7}{8}$	30....	$296\frac{7}{8}$ 296·8198
22.....	2.....	40....	$395\frac{3}{4}$ 395·7597
23.....	2.....	50....	$494\frac{3}{4}$ 494·6996
24.....	$2\frac{1}{8}$	60....	$593\frac{5}{8}$ 593·6396
25.....	$2\frac{1}{4}$	70....	$692\frac{5}{8}$ 692·5795
26.....	$2\frac{1}{4}$	80....	$791\frac{1}{2}$ 791·5194
27.....	$2\frac{3}{8}$	90....	$890\frac{1}{2}$ 890·4594
Qrs.			
1.....	$2\frac{1}{2}$	100....	$989\frac{3}{8}$ 989·3993
2.....	5.....	200....	$1978\frac{3}{4}$ 1978·7986
3.....	$7\frac{3}{8}$	300....	$2968\frac{1}{4}$ 2968·1979

Sp. Gr. 1·136.

9·8591 Gallons to 1 Cwt.

197·1831 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1..... $\frac{1}{8}$	·0880	1.... $9\frac{7}{8}$	9·8591
2..... $\frac{1}{8}$	·1761	2.... $19\frac{3}{8}$	19·7183
3..... $\frac{1}{4}$	·2641	3.... $29\frac{5}{8}$	29·5775
4..... $\frac{3}{8}$	·3521	4.... $39\frac{3}{8}$	39·4366
5..... $\frac{1}{2}$	·4401	5.... $49\frac{1}{4}$	49·2958
6..... $\frac{1}{2}$	·5282	6.... $59\frac{1}{8}$	59·1549
7..... $\frac{5}{8}$	·6162	7....69.....	69·0141
8..... $\frac{3}{4}$	·7012	8.... $78\frac{7}{8}$	78·8732
9..... $\frac{3}{4}$	·7922	9.... $88\frac{3}{8}$	88·7324
10..... $\frac{7}{8}$	·8803	10.... $98\frac{5}{8}$	98·5915
11.....1.....	·9683	11.... $108\frac{1}{2}$	108·4507
12.....1.....	1·0563	12.... $118\frac{1}{2}$	118·3099
13..... $1\frac{1}{8}$	1·1444	13.... $128\frac{1}{2}$	128·1690
14..... $1\frac{1}{4}$	1·2324	14....138.....	138·0282
15..... $1\frac{3}{8}$	1·3204	15.... $147\frac{7}{8}$	147·8873
16..... $1\frac{3}{8}$	1·4084	16.... $157\frac{3}{4}$	157·7465
17..... $1\frac{1}{2}$	1·4965	17.... $167\frac{5}{8}$	167·6056
18..... $1\frac{5}{8}$	1·5845	18.... $177\frac{1}{2}$	177·4648
19..... $1\frac{5}{8}$	1·6725	19.... $187\frac{3}{8}$	187·3239
20..... $1\frac{3}{4}$	1·7606	20.... $197\frac{1}{8}$	197·1831
21..... $1\frac{7}{8}$	1·8486	30.... $295\frac{3}{4}$	295·7746
22..... $1\frac{7}{8}$	1·9366	40.... $394\frac{3}{8}$	394·3662
23.....2.....	2·0246	50....493.....	492·9577
24..... $2\frac{1}{8}$	2·1127	60.... $591\frac{1}{2}$	591·5493
25..... $2\frac{1}{4}$	2·2007	70.... $690\frac{1}{8}$	690·1403
26..... $2\frac{1}{4}$	2·2887	80.... $788\frac{3}{8}$	788·7324
27..... $2\frac{3}{8}$	2·3768	90.... $887\frac{3}{8}$	887·3239
Qrs.		100.... $985\frac{7}{8}$	985·9155
1..... $2\frac{1}{2}$	2·4648	200.... $1971\frac{1}{2}$	1971·8310
2..... $4\frac{7}{8}$	4·9296	300.... $2957\frac{1}{4}$	2957·7465
3..... $7\frac{3}{8}$	7·3944		

Sp. Gr. 1.140.

9.8246 Gallons to 1 Cwt.

196.4912 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.		
1.....	$\frac{1}{8}$	0.877	1....	$9\frac{7}{8}$	9.8246
2.....	$\frac{1}{8}$.....	.1754	2....	$19\frac{5}{8}$	19.6491
3.....	$\frac{1}{4}$.....	.2632	3....	$29\frac{1}{2}$	29.4737
4.....	$\frac{3}{8}$.....	.3509	4....	$39\frac{1}{4}$	39.2982
5.....	$\frac{1}{2}$.....	.4386	5....	$49\frac{1}{8}$	49.1228
6.....	$\frac{1}{2}$.....	.5263	6....	59.....	58.9474
7.....	$\frac{5}{8}$.....	.6140	7....	$68\frac{3}{4}$	68.7719
8.....	$\frac{3}{4}$.....	.7017	8....	$78\frac{5}{8}$	78.5965
9.....	$\frac{3}{4}$.....	.7895	9....	$88\frac{3}{8}$	88.4210
10.....	$\frac{7}{8}$.....	.8772	10....	$98\frac{1}{4}$	98.2456
11.....	1.....	.9649	11....	$108\frac{1}{8}$	108.0702
12.....	1.....	1.0526	12....	$117\frac{7}{8}$	117.8947
13.....	$1\frac{1}{8}$	1.1403	13....	$127\frac{3}{4}$	127.7193
14.....	$1\frac{1}{4}$	1.2281	14....	$137\frac{1}{2}$	137.5439
15.....	$1\frac{3}{8}$	1.3158	15....	$147\frac{3}{8}$	147.3684
16.....	$1\frac{3}{8}$	1.4035	16....	$157\frac{1}{4}$	157.1930
17.....	$1\frac{1}{2}$	1.4912	17....	167.....	167.0175
18.....	$1\frac{5}{8}$	1.5789	18....	$176\frac{7}{8}$	176.8421
19.....	$1\frac{5}{8}$	1.6667	19....	$186\frac{5}{8}$	186.6667
20.....	$1\frac{3}{4}$	1.7544	20....	$196\frac{1}{2}$	196.4912
21.....	$1\frac{7}{8}$	1.8421	30....	$294\frac{3}{4}$	294.7368
22.....	$1\frac{7}{8}$	1.9298	40....	393.....	392.9825
23.....	2.....	2.0175	50....	$491\frac{1}{4}$	491.2281
24.....	$2\frac{1}{8}$	2.1053	60....	$589\frac{1}{2}$	589.4737
25.....	$2\frac{1}{4}$	2.1930	70....	$687\frac{3}{4}$	687.7193
26.....	$2\frac{1}{4}$	2.2807	80....	786.....	785.9649
27.....	$2\frac{3}{8}$	2.3684	90....	$884\frac{1}{4}$	884.2105
Qrs.					
1.....	$2\frac{1}{2}$	2.4561	100....	$982\frac{1}{2}$	982.4561
2.....	$4\frac{7}{8}$	4.9123	200....	$1964\frac{7}{8}$	1964.9123
3.....	$7\frac{3}{8}$	7.3684	300....	$2947\frac{3}{8}$	2947.3684

Sp. Gr. 1·144.

9·7902 Gallons to 1 Cwt.

195·8042 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$9\frac{3}{4}$ 9·7902
2.....	$\frac{1}{8}$	2....	$19\frac{5}{8}$ 19·5804
3.....	$\frac{1}{4}$	3....	$29\frac{3}{8}$ 29·3706
4.....	$\frac{3}{8}$	4....	$39\frac{1}{8}$ 39·1608
5.....	$\frac{3}{8}$	5....	49 48·9510
6.....	$\frac{1}{2}$	6....	$58\frac{3}{4}$ 58·7413
7.....	$\frac{5}{8}$	7....	$68\frac{1}{2}$ 68·5315
8.....	$\frac{3}{4}$	8....	$78\frac{3}{8}$ 78·3217
9.....	$\frac{3}{4}$	9....	$88\frac{1}{8}$ 88·1119
10.....	$\frac{7}{8}$	10....	$97\frac{7}{8}$ 97·9021
11.....	1.....	11....	$107\frac{3}{4}$ 107·6923
12.....	1.....	12....	$117\frac{1}{2}$ 117·4825
13.....	$1\frac{1}{8}$	13....	$127\frac{1}{4}$ 127·2727
14.....	$1\frac{1}{4}$	14....	$137\frac{1}{8}$ 137·0629
15.....	$1\frac{1}{4}$	15....	$146\frac{7}{8}$ 146·8531
16.....	$1\frac{3}{8}$	16....	$156\frac{5}{8}$ 156·6434
17.....	$1\frac{1}{2}$	17....	$166\frac{3}{8}$ 166·4336
18.....	$1\frac{5}{8}$	18....	$176\frac{1}{4}$ 176·2238
19.....	$1\frac{5}{8}$	19....	186 186·0140
20.....	$1\frac{3}{4}$	20....	$195\frac{3}{4}$ 195·8042
21.....	$1\frac{7}{8}$	30....	$293\frac{3}{4}$ 293·7063
22.....	$1\frac{7}{8}$	40....	$391\frac{5}{8}$ 391·6084
23.....	2.....	50....	$489\frac{1}{2}$ 489·5105
24.....	$2\frac{1}{8}$	60....	$587\frac{3}{8}$ 587·4126
25.....	$2\frac{1}{4}$	70....	$685\frac{3}{8}$ 685·3147
26.....	$2\frac{1}{4}$	80....	$783\frac{1}{4}$ 783·2163
27.....	$2\frac{3}{8}$	90....	$881\frac{1}{8}$ 881·1189
Qrs.			
1.....	$2\frac{1}{2}$	100....	979 979·0210
2.....	$4\frac{1}{2}$	200....	1958 1958·0420
3.....	$7\frac{3}{8}$	300....	$2937\frac{1}{8}$ 2937·0629

Sp. Gr. 1.148.

9.7561 Gallons to 1 Cwt.

195.1219 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$9\frac{3}{4}$
2.....	$\frac{1}{8}$	2....	$19\frac{1}{2}$
3.....	$\frac{1}{4}$	3....	$29\frac{1}{4}$
4.....	$\frac{3}{8}$	4....	39....
5.....	$\frac{3}{8}$	5....	$48\frac{3}{4}$
6.....	$\frac{1}{2}$	6....	$58\frac{1}{2}$
7.....	$\frac{5}{8}$	7....	$68\frac{1}{4}$
8.....	$\frac{3}{4}$	8....	78....
9.....	$\frac{3}{4}$	9....	$87\frac{3}{4}$
10.....	$\frac{7}{8}$	10....	$97\frac{1}{2}$
11.....	1.....	11....	$107\frac{3}{8}$
12.....	1.....	12....	$117\frac{1}{4}$
13.....	$1\frac{1}{8}$	13....	$126\frac{7}{8}$
14.....	$1\frac{1}{4}$	14....	$136\frac{5}{8}$
15.....	$1\frac{1}{4}$	15....	$146\frac{3}{8}$
16.....	$1\frac{3}{8}$	16....	$156\frac{1}{8}$
17.....	$1\frac{1}{2}$	17....	$165\frac{7}{8}$
18.....	$1\frac{5}{8}$	18....	$175\frac{5}{8}$
19.....	$1\frac{5}{8}$	19....	$185\frac{3}{8}$
20.....	$1\frac{3}{4}$	20....	$195\frac{1}{8}$
21.....	$1\frac{7}{8}$	30....	$292\frac{5}{8}$
22.....	$1\frac{7}{8}$	40....	$390\frac{1}{4}$
23.....	2.....	50....	$487\frac{3}{4}$
24.....	$2\frac{1}{8}$	60....	$585\frac{3}{8}$
25.....	$2\frac{1}{8}$	70....	$682\frac{7}{8}$
26.....	$2\frac{1}{4}$	80....	$780\frac{1}{2}$
27.....	$2\frac{3}{8}$	90....	878....
Qrs.		100....	$975\frac{5}{8}$
1.....	$2\frac{1}{2}$	200....	$1951\frac{1}{4}$
2.....	$4\frac{7}{8}$	300....	$2926\frac{7}{8}$
3.....	$7\frac{3}{8}$		

Sp. Gr. 1.152.

9.7222 Gallons to 1 Cwt.

194.4444 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$9\frac{3}{4}$ 9.7222
2.....	$\frac{1}{4}$	2....	$19\frac{1}{2}$ 19.4444
3.....	$\frac{3}{8}$	3....	$29\frac{1}{8}$ 29.1667
4.....	$\frac{1}{2}$	4....	$38\frac{7}{8}$ 38.8889
5.....	$\frac{5}{8}$	5....	$48\frac{5}{8}$ 48.6111
6.....	$1\frac{1}{8}$	6....	$58\frac{3}{8}$ 58.3333
7.....	$1\frac{3}{8}$	7....	68.... 68.0555
8.....	$1\frac{5}{8}$	8....	$77\frac{3}{4}$ 77.7778
9.....	$1\frac{7}{8}$	9....	$87\frac{1}{2}$ 87.5000
10.....	2	10....	$97\frac{1}{4}$ 97.2222
11.....	$2\frac{1}{8}$	11....	107.... 106.9444
12.....	$2\frac{3}{8}$	12....	$116\frac{5}{8}$ 116.6667
13.....	$2\frac{5}{8}$	13....	$126\frac{3}{8}$ 126.3889
14.....	$2\frac{7}{8}$	14....	$136\frac{1}{8}$ 136.1111
15.....	3	15....	$145\frac{7}{8}$ 145.8333
16.....	$3\frac{1}{8}$	16....	$155\frac{1}{2}$ 155.5555
17.....	$3\frac{3}{8}$	17....	$165\frac{1}{4}$ 165.2778
18.....	$3\frac{5}{8}$	18....	175.... 175.0000
19.....	$3\frac{7}{8}$	19....	$184\frac{3}{4}$ 184.7222
20.....	4	20....	$194\frac{1}{2}$ 194.4444
21.....	$4\frac{1}{8}$	30....	$291\frac{5}{8}$ 291.6667
22.....	$4\frac{3}{8}$	40....	$388\frac{7}{8}$ 388.8889
23.....	$4\frac{5}{8}$	50....	$486\frac{1}{8}$ 486.1111
24.....	$4\frac{7}{8}$	60....	$583\frac{3}{8}$ 583.3333
25.....	5	70....	$680\frac{1}{2}$ 680.5555
26.....	$5\frac{1}{8}$	80....	$777\frac{3}{4}$ 777.7778
27.....	$5\frac{3}{8}$	90....	875.... 875.0000
Qrs.		100....	$972\frac{1}{4}$ 972.2222
1.....	$2\frac{3}{8}$	200....	$1944\frac{1}{2}$ 1944.4444
2.....	$4\frac{7}{8}$	300....	$2916\frac{5}{8}$ 2916.6667
3.....	$7\frac{1}{4}$		

Sp. Gr. 1.156.

9.6886 Gallons to 1 Cwt.

193.7716 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1..... $\frac{1}{8}$.....	.0865	1.... $9\frac{3}{4}$	9.6886
2..... $\frac{1}{8}$.....	.1730	2.... $19\frac{3}{8}$	19.3772
3..... $\frac{1}{8}$.....	.2595	3.... $29\frac{1}{8}$	29.0657
4..... $\frac{3}{8}$.....	.3460	4.... $38\frac{3}{4}$	38.7543
5..... $\frac{3}{8}$.....	.4325	5.... $48\frac{1}{2}$	48.4429
6..... $\frac{1}{2}$.....	.5190	6.... $58\frac{1}{8}$	58.1315
7..... $\frac{5}{8}$.....	.6055	7.... $67\frac{7}{8}$	67.8201
8..... $\frac{3}{4}$.....	.6920	8.... $77\frac{1}{2}$	77.5086
9..... $\frac{3}{4}$.....	.7785	9.... $87\frac{1}{4}$	87.1972
10..... $\frac{7}{8}$.....	.8650	10.... $96\frac{7}{8}$	96.8858
11.....1.....	.9516	11.... $106\frac{5}{8}$	106.5744
12.....1.....	1.0381	12.... $116\frac{1}{4}$	116.2630
13..... $1\frac{1}{8}$	1.1246	13....126....	125.9516
14..... $1\frac{1}{4}$	1.2111	14.... $135\frac{5}{8}$	135.6401
15..... $1\frac{1}{2}$	1.2976	15.... $145\frac{3}{8}$	145.3287
16..... $1\frac{3}{8}$	1.3841	16....155....	155.0173
17..... $1\frac{1}{2}$	1.4706	17.... $164\frac{3}{4}$	164.7059
18..... $1\frac{1}{2}$	1.5571	18.... $174\frac{3}{8}$	174.3945
19..... $1\frac{5}{8}$	1.6436	19.... $184\frac{1}{8}$	184.0830
20..... $1\frac{3}{4}$	1.7301	20.... $193\frac{3}{4}$	193.7716
21..... $1\frac{7}{8}$	1.8166	30.... $290\frac{5}{8}$	290.6574
22..... $1\frac{7}{8}$	1.9031	40.... $387\frac{1}{2}$	387.5432
23.....2.....	1.9896	50.... $484\frac{3}{8}$	484.4291
24..... $2\frac{1}{8}$	2.0761	60.... $581\frac{3}{8}$	581.3149
25..... $2\frac{1}{8}$	2.1626	70.... $678\frac{1}{4}$	678.2007
26..... $2\frac{1}{4}$	2.2491	80.... $775\frac{1}{8}$	775.0865
27..... $2\frac{3}{8}$	2.3356	90....872....	871.9723
Qrs.			
1..... $2\frac{3}{8}$	2.4221	100.... $968\frac{7}{8}$	986.8581
2..... $4\frac{7}{8}$	4.8443	200.... $1937\frac{3}{4}$	1937.7163
3..... $7\frac{1}{4}$	7.2664	300.... $2906\frac{5}{8}$	2906.5744

Sp. Gr. 1·160.

9·6552 Gallons to 1 Cwt.

193·1034 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.		
1.....	$\frac{1}{8}$	·0862	1....	$9\frac{5}{8}$	9·6552
2.....	$\frac{1}{8}$	·1724	2....	$19\frac{1}{4}$	19·3103
3.....	$\frac{1}{4}$	·2586	3....	29	28·9655
4.....	$\frac{3}{8}$	·3448	4....	$38\frac{5}{8}$	38·6207
5.....	$\frac{3}{8}$	·4310	5....	$48\frac{1}{4}$	48·2759
6.....	$\frac{1}{2}$	·5172	6....	$57\frac{7}{8}$	57·9310
7.....	$\frac{5}{8}$	·6034	7....	$67\frac{5}{8}$	67·5862
8.....	$\frac{3}{4}$	·6896	8....	$77\frac{1}{4}$	77·2414
9.....	$\frac{3}{4}$	·7759	9....	$86\frac{7}{8}$	86·8965
10.....	$\frac{7}{8}$	·8621	10....	$96\frac{1}{2}$	96·5517
11.....	1	·9483	11....	$106\frac{1}{4}$	106·2069
12.....	1	1·0345	12....	$115\frac{7}{8}$	115·8621
13.....	$1\frac{1}{8}$	1·1207	13....	$125\frac{1}{2}$	125·5172
14.....	$1\frac{1}{4}$	1·2069	14....	$135\frac{1}{8}$	135·1724
15.....	$1\frac{1}{4}$	1·2931	15....	$144\frac{7}{8}$	144·8276
16.....	$1\frac{3}{8}$	1·3793	16....	$154\frac{1}{2}$	154·4828
17.....	$1\frac{1}{2}$	1·4655	17....	$164\frac{1}{8}$	164·1379
18.....	$1\frac{1}{2}$	1·5517	18....	$173\frac{3}{4}$	173·7931
19.....	$1\frac{5}{8}$	1·6379	19....	$183\frac{1}{2}$	183·4483
20.....	$1\frac{3}{4}$	1·7241	20....	$193\frac{1}{8}$	193·1034
21.....	$1\frac{3}{4}$	1·8103	30....	$289\frac{5}{8}$	289·6552
22.....	$1\frac{7}{8}$	1·8965	40....	$386\frac{1}{4}$	386·2069
23.....	2	1·9828	50....	$482\frac{3}{4}$	482·7586
24.....	$2\frac{1}{8}$	2·0690	60....	$579\frac{1}{4}$	579·3103
25.....	$2\frac{1}{8}$	2·1552	70....	$675\frac{7}{8}$	675·8621
26.....	$2\frac{1}{4}$	2·2414	80....	$772\frac{3}{8}$	772·4138
27.....	$2\frac{3}{8}$	2·3276	90....	869	868·9655
Qrs.					
1.....	$2\frac{3}{8}$	2·4138	100....	$965\frac{1}{2}$	965·5172
2.....	$4\frac{7}{8}$	4·8276	200....	1931	1931·0345
3.....	$7\frac{1}{4}$	7·2414	300....	$2896\frac{1}{2}$	2896·5517

Sp. Gr. 1·164.

9·6220 Gallons to 1 Cwt.

192·4399 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1..... $\frac{1}{8}$	·0859	1.... $9\frac{5}{8}$	9·6220
2..... $\frac{1}{8}$	·1718	2.... $19\frac{1}{4}$	19·2440
3..... $\frac{1}{4}$	·2577	3.... $28\frac{7}{8}$	28·8660
4..... $\frac{3}{8}$	·3436	4.... $38\frac{1}{2}$	38·4880
5..... $\frac{3}{8}$	·4295	5.... $48\frac{1}{8}$	48·1010
6..... $\frac{1}{2}$	·5155	6.... $57\frac{3}{4}$	57·7320
7..... $\frac{5}{8}$	·6014	7.... $67\frac{3}{8}$	67·3539
8..... $\frac{5}{8}$	·6873	8....77.....	76·9759
9..... $\frac{3}{4}$	·7732	9.... $86\frac{5}{8}$	86·5979
10..... $\frac{7}{8}$	·8591	10.... $96\frac{1}{4}$	96·2199
11.....1.....	·9450	11.... $105\frac{7}{8}$	105·8419
12.....1.....	1·0309	12.... $115\frac{1}{2}$	115·4639
13..... $1\frac{1}{8}$	1·1168	13.... $125\frac{1}{8}$	125·0859
14..... $1\frac{1}{4}$	1·2027	14.... $134\frac{3}{4}$	134·7079
15..... $1\frac{1}{4}$	1·2887	15.... $144\frac{3}{8}$	144·3299
16..... $1\frac{3}{8}$	1·3746	16....154.....	153·9519
17..... $1\frac{1}{2}$	1·4605	17.... $163\frac{5}{8}$	163·5739
18..... $1\frac{1}{2}$	1·5464	18.... $173\frac{1}{4}$	173·1959
19..... $1\frac{5}{8}$	1·6323	19.... $182\frac{7}{8}$	182·8179
20..... $1\frac{3}{4}$	1·7182	20.... $192\frac{1}{2}$	192·4399
21..... $1\frac{3}{4}$	1·8041	30.... $288\frac{5}{8}$	288·6598
22..... $1\frac{7}{8}$	1·8900	40.... $384\frac{7}{8}$	384·8797
23.....2.....	1·9759	50.... $481\frac{1}{8}$	481·0997
24.....2.....	2·0619	60.... $577\frac{3}{2}$	577·3196
25..... $2\frac{1}{8}$	2·1478	70.... $673\frac{1}{2}$	673·5395
26..... $2\frac{1}{4}$	2·2337	80.... $769\frac{3}{4}$	769·7594
27..... $2\frac{3}{8}$	2·3196	90....866.....	865·9794
Qrs.			
1..... $2\frac{3}{8}$	2·4055	100.... $962\frac{1}{4}$	962·1993
2..... $4\frac{3}{4}$	4·8110	200.... $1924\frac{3}{8}$	1924·3986
3..... $7\frac{1}{4}$	7·2165	300.... $2886\frac{5}{8}$	2886·5979

Sp. Gr. 1.168.

9.5890 Gallons to 1 Cwt.

191.7808 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$9\frac{5}{8}$
2.....	$\frac{1}{8}$	2....	$19\frac{1}{8}$
3.....	$\frac{1}{4}$	3....	$28\frac{3}{4}$
4.....	$\frac{3}{8}$	4....	$38\frac{3}{8}$
5.....	$\frac{3}{8}$	5....	48
6.....	$\frac{1}{2}$	6....	$57\frac{1}{2}$
7.....	$\frac{5}{8}$	7....	$67\frac{1}{4}$
8.....	$\frac{5}{8}$	8....	$76\frac{3}{8}$
9.....	$\frac{3}{4}$	9....	$86\frac{1}{4}$
10.....	$\frac{7}{8}$	10....	$95\frac{1}{8}$
11.....	1.....	11....	$105\frac{1}{2}$
12.....	1.....	12....	$115\frac{1}{8}$
13.....	$1\frac{1}{8}$	13....	$124\frac{5}{8}$
14.....	$1\frac{1}{4}$	14....	$134\frac{1}{4}$
15.....	$1\frac{1}{2}$	15....	$143\frac{3}{8}$
16.....	$1\frac{3}{8}$	16....	$153\frac{3}{8}$
17.....	$1\frac{1}{2}$	17....	163
18.....	$1\frac{1}{2}$	18....	$172\frac{5}{8}$
19.....	$1\frac{5}{8}$	19....	$182\frac{1}{4}$
20.....	$1\frac{3}{4}$	20....	$191\frac{3}{4}$
21.....	$1\frac{3}{4}$	30....	$287\frac{3}{8}$
22.....	$1\frac{7}{8}$	40....	$383\frac{1}{2}$
23.....	2.....	50....	$479\frac{1}{2}$
24.....	2.....	60....	$575\frac{3}{8}$
25.....	$2\frac{1}{8}$	70....	$671\frac{1}{4}$
26.....	$2\frac{1}{4}$	80....	$767\frac{1}{8}$
27.....	$2\frac{1}{4}$	90....	863
Qrs.		100....	$958\frac{7}{8}$
1.....	$2\frac{3}{4}$	200....	$1917\frac{1}{4}$
2.....	$4\frac{3}{4}$	300....	$2876\frac{3}{4}$
3.....	$7\frac{1}{4}$		

Sp. Gr. 1·172.

9·5563 Gallons to 1 Cwt.

191·1263 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$9\frac{1}{2}$ 9·5563
2.....	$\frac{1}{4}$	2....	$19\frac{1}{4}$ 19·1126
3.....	$\frac{3}{8}$	3....	$28\frac{3}{8}$ 28·6689
4.....	$\frac{1}{2}$	4....	$38\frac{1}{2}$ 38·2253
5.....	$\frac{5}{8}$	5....	$47\frac{5}{8}$ 47·7816
6.....	1.....	6....	$57\frac{1}{2}$ 57·3379
7.....	$1\frac{1}{8}$	7....	$66\frac{3}{4}$ 66·8942
8.....	$1\frac{1}{4}$	8....	$76\frac{1}{2}$ 76·4505
9.....	$1\frac{3}{8}$	9....	86 86·0068
10.....	$1\frac{1}{2}$	10....	$95\frac{5}{8}$ 95·5631
11.....	$1\frac{5}{8}$	11....	$105\frac{1}{4}$ 105·1194
12.....	$1\frac{3}{4}$	12....	$114\frac{3}{8}$ 114·6758
13.....	$1\frac{7}{8}$	13....	$124\frac{1}{2}$ 124·2321
14.....	2	14....	$133\frac{3}{4}$ 133·7884
15.....	$2\frac{1}{8}$	15....	$143\frac{3}{8}$ 143·3447
16.....	$2\frac{1}{4}$	16....	$152\frac{7}{8}$ 152·9010
17.....	$2\frac{3}{8}$	17....	$162\frac{1}{2}$ 162·4573
18.....	$2\frac{1}{2}$	18....	172 172·0136
19.....	$2\frac{5}{8}$	19....	$181\frac{5}{8}$ 181·5700
20.....	$2\frac{3}{4}$	20....	$191\frac{3}{8}$ 191·1263
21.....	$2\frac{7}{8}$	30....	$286\frac{3}{4}$ 286·6894
22.....	3	40....	$382\frac{1}{2}$ 382·2526
23.....	$3\frac{1}{8}$	50....	$477\frac{7}{8}$ 477·8157
24.....	$3\frac{1}{4}$	60....	$573\frac{3}{8}$ 573·3788
25.....	$3\frac{3}{8}$	70....	669 668·9420
26.....	$3\frac{1}{2}$	80....	$764\frac{1}{2}$ 764·5051
27.....	$3\frac{5}{8}$	90....	$860\frac{5}{8}$ 860·0683
Qrs.		100....	$955\frac{5}{8}$ 955·6314
1.....	$4\frac{3}{8}$	200....	$1911\frac{1}{4}$ 1911·2628
2.....	$4\frac{1}{2}$	300....	$2866\frac{3}{8}$ 2866·8942
3.....	$7\frac{1}{8}$		

Sp. Gr. 1·176.

9·5238 Gallons to 1 Cwt.

190·4762 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$9\frac{1}{2}$ 9·5238
2.....	$\frac{1}{8}$	2....	19 19·0476
3.....	$\frac{1}{4}$	3....	$28\frac{5}{8}$ 28·5714
4.....	$\frac{3}{8}$	4....	$38\frac{1}{8}$ 38·0952
5.....	$\frac{3}{8}$	5....	$47\frac{5}{8}$ 47·6190
6.....	$\frac{1}{2}$	6....	$57\frac{1}{8}$ 57·1429
7.....	$\frac{5}{8}$	7....	$66\frac{5}{8}$ 66·6667
8.....	$\frac{5}{8}$	8....	$76\frac{1}{4}$ 76·1905
9.....	$\frac{3}{4}$	9....	$85\frac{3}{4}$ 85·7143
10.....	$\frac{7}{8}$	10....	$95\frac{1}{4}$ 95·2381
11.....	$\frac{7}{8}$	11....	$104\frac{3}{4}$ 104·7619
12.....	1.....	12....	$114\frac{1}{4}$ 114·2857
13.....	$1\frac{1}{8}$	13....	$123\frac{3}{4}$ 123·8095
14.....	$1\frac{1}{4}$	14....	$133\frac{3}{8}$ 133·3333
15.....	$1\frac{1}{2}$	15....	$142\frac{7}{8}$ 142·8571
16.....	$1\frac{3}{8}$	16....	$152\frac{3}{8}$ 152·3809
17.....	$1\frac{1}{2}$	17....	$161\frac{7}{8}$ 161·9048
18.....	$1\frac{1}{2}$	18....	$171\frac{3}{8}$ 171·4286
19.....	$1\frac{5}{8}$	19....	181 180·9524
20.....	$1\frac{3}{4}$	20....	$190\frac{1}{2}$ 190·4762
21.....	$1\frac{3}{4}$	30....	$285\frac{3}{4}$ 285·7143
22.....	$1\frac{7}{8}$	40....	381 380·9524
23.....	2.....	50....	$476\frac{1}{4}$ 476·1905
24.....	2.....	60....	$571\frac{3}{8}$ 571·4286
25.....	$2\frac{1}{8}$	70....	$666\frac{5}{8}$ 666·6667
26.....	$2\frac{1}{4}$	80....	$761\frac{7}{8}$ 761·9048
27.....	$2\frac{1}{4}$	90....	$857\frac{1}{8}$ 857·1429
Qrs.		100....	$952\frac{3}{8}$ 952·3809
1.....	$2\frac{3}{8}$	200....	$1904\frac{3}{4}$ 1904·7619
2.....	$4\frac{3}{8}$	300....	$2857\frac{1}{8}$ 2857·1429
3.....	$7\frac{1}{8}$		

Sp. Gr. 1·180.

9·4915 Gallons to 1 Cwt.

189·8305 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$9\frac{1}{2}$ 9·4915
2.....	$\frac{1}{4}$	2....	19 18·9830
3.....	$\frac{3}{8}$	3....	$28\frac{1}{2}$ 28·4746
4.....	$\frac{1}{2}$	4....	38 37·9661
5.....	$\frac{5}{8}$	5....	$47\frac{1}{2}$ 47·4576
6.....	1.....	6....	57 56·9491
7.....	$1\frac{1}{8}$	7....	$66\frac{1}{2}$ 66·4407
8.....	$1\frac{1}{4}$	8....	$75\frac{1}{2}$ 75·9322
9.....	$1\frac{3}{8}$	9....	$85\frac{3}{8}$ 85·4237
10.....	$1\frac{1}{2}$	10....	$94\frac{7}{8}$ 94·9152
11.....	$1\frac{5}{8}$	11....	$104\frac{3}{8}$ 104·4068
12.....	$1\frac{3}{4}$	12....	$113\frac{7}{8}$ 113·8983
13.....	$1\frac{7}{8}$	13....	$123\frac{3}{8}$ 123·3898
14.....	$1\frac{1}{2}$	14....	$132\frac{7}{8}$ 132·8814
15.....	$1\frac{5}{4}$	15....	$142\frac{3}{8}$ 142·3729
16.....	$1\frac{3}{2}$	16....	$151\frac{7}{8}$ 151·8644
17.....	$1\frac{7}{2}$	17....	$161\frac{3}{8}$ 161·3559
18.....	$1\frac{5}{2}$	18....	$170\frac{7}{8}$ 170·8475
19.....	$1\frac{1}{2}$	19....	$180\frac{3}{8}$ 180·3390
20.....	$1\frac{3}{4}$	20....	$189\frac{7}{8}$ 189·8305
21.....	$1\frac{5}{4}$	30....	$284\frac{3}{8}$ 284·7458
22.....	$1\frac{7}{4}$	40....	$379\frac{5}{8}$ 379·6610
23.....	2.....	50....	$474\frac{7}{8}$ 474·5763
24.....	$2\frac{1}{8}$	60....	$569\frac{1}{2}$ 569·4915
25.....	$2\frac{1}{4}$	70....	$664\frac{3}{8}$ 664·4068
26.....	$2\frac{3}{8}$	80....	$759\frac{3}{8}$ 759·3220
27.....	$2\frac{1}{2}$	90....	$854\frac{1}{4}$ 854·2373
Qrs.		100....	949' 949·1525
1.....	$2\frac{3}{8}$	200....	$1898\frac{1}{4}$ 1898·3051
2.....	$4\frac{3}{4}$	300....	$2847\frac{1}{2}$ 2847·4576
3.....	$7\frac{1}{8}$		

Sp. Gr. 1·184.

9·4595 Gallons to 1 Cwt.

189·1892 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$9\frac{1}{2}$
2.....	$\frac{1}{8}$	2....	$18\frac{7}{8}$
3.....	$\frac{1}{4}$	3....	$28\frac{3}{8}$
4.....	$\frac{3}{8}$	4....	$37\frac{7}{8}$
5.....	$\frac{3}{8}$	5....	$47\frac{1}{4}$
6.....	$\frac{1}{2}$	6....	$56\frac{3}{4}$
7.....	$\frac{5}{8}$	7....	$66\frac{1}{4}$
8.....	$\frac{5}{8}$	8....	$75\frac{5}{8}$
9.....	$\frac{3}{4}$	9....	$85\frac{1}{8}$
10.....	$\frac{7}{8}$	10....	$94\frac{5}{8}$
11.....	$\frac{7}{8}$	11....	104
12.....	1.....	12....	113 $\frac{1}{2}$
13.....	$1\frac{1}{8}$	13....	123
14.....	$1\frac{1}{8}$	14....	$132\frac{3}{8}$
15.....	$1\frac{1}{4}$	15....	$141\frac{7}{8}$
16.....	$1\frac{3}{8}$	16....	$151\frac{3}{8}$
17.....	$1\frac{3}{8}$	17....	$160\frac{1}{4}$
18.....	$1\frac{1}{2}$	18....	$170\frac{1}{4}$
19.....	$1\frac{5}{8}$	19....	$179\frac{3}{4}$
20.....	$1\frac{7}{8}$	20....	$189\frac{1}{4}$
21.....	$1\frac{7}{8}$	30....	$283\frac{3}{4}$
22.....	$1\frac{7}{8}$	40....	$378\frac{3}{8}$
23.....	2.....	50....	473
24.....	2.....	60....	$567\frac{3}{8}$
25.....	$2\frac{1}{8}$	70....	$662\frac{1}{2}$
26.....	$2\frac{1}{4}$	80....	$756\frac{3}{4}$
27.....	$2\frac{1}{4}$	90....	$851\frac{3}{8}$
Qrs.		100....	946
1.....	$2\frac{3}{8}$	200....	$1891\frac{7}{8}$
2.....	$4\frac{3}{4}$	300....	$2837\frac{7}{8}$
3.....	$7\frac{1}{8}$		

945·9459

1891·8919

2837·8378

Sp. Gr. 1·188.

9·4276 Gallons to 1 Cwt.

188·5522 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$9\frac{3}{8}$
2.....	$\frac{1}{4}$	2....	$18\frac{7}{8}$
3.....	$\frac{3}{8}$	3....	$28\frac{1}{4}$
4.....	$\frac{1}{2}$	4....	$37\frac{3}{4}$
5.....	$\frac{5}{8}$	5....	$47\frac{1}{8}$
6.....	$\frac{3}{4}$	6....	$56\frac{5}{8}$
7.....	$\frac{7}{8}$	7....	66.....
8.....	1.....	8....	$75\frac{3}{8}$
9.....	$1\frac{1}{8}$	9....	$84\frac{7}{8}$
10.....	$1\frac{1}{4}$	10....	$94\frac{1}{4}$
11.....	$1\frac{3}{8}$	11....	$103\frac{3}{4}$
12.....	$1\frac{1}{2}$	12....	$113\frac{1}{8}$
13.....	$1\frac{5}{8}$	13....	$122\frac{1}{2}$
14.....	$1\frac{3}{4}$	14....	132.....
15.....	$1\frac{7}{8}$	15....	$141\frac{3}{8}$
16.....	$1\frac{1}{2}$	16....	$150\frac{7}{8}$
17.....	$1\frac{5}{8}$	17....	$160\frac{1}{4}$
18.....	$1\frac{3}{4}$	18....	$169\frac{3}{4}$
19.....	$1\frac{7}{8}$	19....	$179\frac{1}{8}$
20.....	$1\frac{1}{2}$	20....	$188\frac{1}{2}$
21.....	$1\frac{5}{8}$	30....	$282\frac{7}{8}$
22.....	$1\frac{3}{4}$	40....	$377\frac{1}{8}$
23.....	$1\frac{7}{8}$	50....	$471\frac{3}{8}$
24.....	2.....	60....	$565\frac{5}{8}$
25.....	$2\frac{1}{8}$	70....	$659\frac{7}{8}$
26.....	$2\frac{1}{4}$	80....	$754\frac{1}{4}$
27.....	$2\frac{3}{8}$	90....	$848\frac{1}{2}$
Qrs.		100....	$942\frac{3}{4}$
1.....	$2\frac{3}{8}$	200....	$1885\frac{1}{2}$
2.....	$4\frac{3}{8}$	300....	$2828\frac{1}{4}$
3.....	$7\frac{1}{8}$		

Sp. Gr. 1·192.

9·3960 Gallons to 1 Cwt.

187·9195 Gallons to 1 Ton.

Lbs.	Gallons.		Cwts.	Gallons.	
1.....	$\frac{1}{8}$	·0839	1....	$9\frac{3}{8}$	9·3960
2.....	$\frac{1}{8}$	·1678	2....	$18\frac{3}{4}$	18·7919
3.....	$\frac{1}{4}$	·2517	3....	$28\frac{1}{2}$	28·1879
4.....	$\frac{3}{8}$	·3356	4....	$37\frac{5}{8}$	37·5839
5.....	$\frac{3}{8}$	·4195	5....	47	46·9799
6.....	$\frac{1}{2}$	·5034	6....	$56\frac{3}{8}$	56·3758
7.....	$\frac{5}{8}$	·5872	7....	$65\frac{3}{4}$	65·7718
8.....	$\frac{5}{8}$	·6711	8....	$75\frac{1}{8}$	75·1678
9.....	$\frac{3}{4}$	·7550	9....	$84\frac{5}{8}$	84·5638
10.....	$\frac{7}{8}$	·8389	10....	94	93·9597
11.....	$\frac{7}{8}$	·9228	11....	$103\frac{3}{8}$	103·3557
12.....	1	1·0067	12....	$112\frac{3}{4}$	112·7517
13.....	$1\frac{1}{8}$	1·0906	13....	$122\frac{1}{8}$	122·1476
14.....	$1\frac{1}{8}$	1·1745	14....	$131\frac{1}{2}$	131·5436
15.....	$1\frac{1}{4}$	1·2584	15....	141	140·9396
16.....	$1\frac{3}{8}$	1·3423	16....	$150\frac{3}{8}$	150·3356
17.....	$1\frac{3}{8}$	1·4262	17....	$159\frac{3}{4}$	159·7315
18.....	$1\frac{1}{2}$	1·5101	18....	$169\frac{1}{8}$	169·1275
19.....	$1\frac{5}{8}$	1·5940	19....	$178\frac{1}{2}$	178·5235
20.....	$1\frac{5}{8}$	1·6778	20....	$187\frac{7}{8}$	187·9195
21.....	$1\frac{3}{4}$	1·7617	30....	$281\frac{7}{8}$	281·8792
22.....	$1\frac{7}{8}$	1·8456	40....	$375\frac{7}{8}$	375·8389
23.....	$1\frac{7}{8}$	1·9295	50....	$469\frac{3}{4}$	469·7987
24.....	2	2·0134	60....	$563\frac{3}{4}$	563·7584
25.....	$2\frac{1}{8}$	2·0973	70....	$657\frac{3}{4}$	657·7181
26.....	$2\frac{1}{8}$	2·1812	80....	$751\frac{5}{8}$	751·6778
27.....	$2\frac{1}{4}$	2·2651	90....	$845\frac{5}{8}$	845·6376
Qrs.					
1.....	$2\frac{3}{8}$	2·3490	100....	$939\frac{5}{8}$	939·5973
2.....	$4\frac{3}{4}$	4·6980	200....	$1879\frac{1}{4}$	1879·1946
3.....	7	7·0470	300....	$2818\frac{3}{4}$	2818·7919

Sp. Gr. 1·196.

9·3645 Gallons to 1 Cwt.

187·2910 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.
1.....	$\frac{1}{8}$	1....	$9\frac{3}{8}$ 9·3645
2.....	$\frac{1}{4}$	2....	$18\frac{3}{4}$ 18·7291
3.....	$\frac{3}{8}$	3....	$28\frac{1}{8}$ 28·0936
4.....	$\frac{1}{2}$	4....	$37\frac{1}{2}$ 37·4582
5.....	$\frac{5}{8}$	5....	$46\frac{7}{8}$ 46·8227
6.....	1.....	6....	$56\frac{1}{8}$ 56·1873
7.....	$1\frac{1}{8}$	7....	$65\frac{1}{2}$ 65·5518
8.....	$1\frac{1}{4}$	8....	$74\frac{7}{8}$ 74·9164
9.....	$1\frac{3}{8}$	9....	$84\frac{1}{4}$ 84·2809
10.....	$1\frac{1}{2}$	10....	$93\frac{5}{8}$ 93·6455
11.....	$1\frac{5}{8}$	11....	103 103·0100
12.....	$1\frac{3}{4}$	12....	$112\frac{3}{8}$ 112·3746
13.....	$1\frac{7}{8}$	13....	$121\frac{3}{4}$ 121·7391
14.....	$1\frac{7}{8}$	14....	$131\frac{1}{8}$ 131·1037
15.....	$1\frac{7}{8}$	15....	$140\frac{1}{2}$ 140·4682
16.....	$1\frac{7}{8}$	16....	$149\frac{7}{8}$ 149·8328
17.....	$1\frac{7}{8}$	17....	$159\frac{1}{4}$ 159·1973
18.....	$1\frac{7}{8}$	18....	$168\frac{1}{2}$ 168·5619
19.....	$1\frac{7}{8}$	19....	$177\frac{7}{8}$ 177·9264
20.....	$1\frac{7}{8}$	20....	$187\frac{1}{4}$ 187·2910
21.....	$1\frac{7}{8}$	30....	$280\frac{7}{8}$ 280·9364
22.....	$1\frac{7}{8}$	40....	$374\frac{5}{8}$ 374·5819
23.....	$1\frac{7}{8}$	50....	$468\frac{1}{4}$ 468·2274
24.....	2.....	60....	$561\frac{7}{8}$ 561·8729
25.....	$2\frac{1}{8}$	70....	$655\frac{1}{2}$ 655·5184
26.....	$2\frac{1}{8}$	80....	$749\frac{1}{8}$ 749·1639
27.....	$2\frac{1}{8}$	90....	$842\frac{3}{4}$ 842·8094
Qrs.		100....	$936\frac{1}{2}$ 936·4548
1.....	$2\frac{3}{8}$	200....	$1872\frac{7}{8}$ 1872·9097
2.....	$4\frac{5}{8}$	300....	$2809\frac{3}{8}$ 2809·3645
3.....	7.....		

Sp. Gr. 1·200.

9·3333 Gallons to 1 Cwt.

186·6667 Gallons to 1 Ton.

Lbs.	Gallons.	Cwts.	Gallons.		
1.....	$\frac{1}{8}$	0·833	1....	$9\frac{3}{8}$	9·3333
2.....	$\frac{1}{4}$	1·667	2....	$18\frac{6}{8}$	18·6667
3.....	$\frac{3}{8}$	2·500	3....	28....	28·0000
4.....	$\frac{1}{2}$	3·333	4....	$37\frac{3}{8}$	37·3333
5.....	$\frac{5}{8}$	4·167	5....	$46\frac{6}{8}$	46·6667
6.....	1.....	5·000	6....	56....	56·0000
7.....	$1\frac{1}{8}$	5·833	7....	$65\frac{3}{8}$	65·3333
8.....	$1\frac{1}{4}$	6·667	8....	$74\frac{6}{8}$	74·6667
9.....	$1\frac{3}{8}$	7·500	9....	84....	84·0000
10.....	$1\frac{1}{2}$	8·333	10....	$93\frac{3}{8}$	93·3333
11.....	$1\frac{5}{8}$	9·167	11....	$102\frac{6}{8}$	102·6667
12.....	1.....	1·0000	12....	112....	112·0000
13.....	$1\frac{1}{8}$	1·0833	13....	$121\frac{3}{8}$	121·3333
14.....	$1\frac{1}{4}$	1·1667	14....	$130\frac{6}{8}$	130·6667
15.....	$1\frac{3}{8}$	1·2500	15....	140....	140·0000
16.....	$1\frac{1}{2}$	1·3333	16....	$149\frac{3}{8}$	149·3333
17.....	$1\frac{5}{8}$	1·4167	17....	$158\frac{6}{8}$	158·6667
18.....	$1\frac{3}{4}$	1·5000	18....	168....	168·0000
19.....	$1\frac{7}{8}$	1·5833	19....	$177\frac{3}{8}$	177·3333
20.....	1.....	1·6667	20....	$186\frac{6}{8}$	186·6667
21.....	$1\frac{1}{4}$	1·7500	30....	280....	280·0000
22.....	$1\frac{3}{8}$	1·8333	40....	$373\frac{3}{8}$	373·3333
23.....	$1\frac{1}{2}$	1·9167	50....	$466\frac{6}{8}$	466·6667
24.....	1.....	2·0000	60....	560....	560·0000
25.....	$2\frac{1}{8}$	2·0833	70....	$653\frac{3}{8}$	653·3333
26.....	$2\frac{1}{4}$	2·1667	80....	$746\frac{6}{8}$	746·6667
27.....	$2\frac{3}{8}$	2·2500	90....	840....	840·0000
Qrs.			100....	$933\frac{3}{8}$	933·3333
1.....	$2\frac{1}{4}$	2·3333	200....	$1866\frac{6}{8}$	1866·6667
2.....	$4\frac{1}{2}$	4·6667	300....	2800....	2800·0000
3.....	7.....	7·0000			

THE
OIL MERCHANTS' MANUAL
AND OIL TRADE READY
RECKONER

COMPILED BY
FRANK F. SHERRIFF

SECOND EDITION, REVISED AND ENLARGED
Demy 8vo. 215 pages, with two sheets of
Tables

PRICE 8s. 6d. NET (POST FREE, 9s. HOME ;
9s. 2d. ABROAD)

Cash with order

Published by

SCOTT, GREENWOOD & SON
8 BROADWAY, LUDGATE, LONDON, E.C. 4.

PRINTED IN GREAT BRITAIN BY
RICHARD CLAY & SONS, LIMITED.
BUNGAY, SUFFOLK.

